

An Examination of the Connections Between Visual Communication and Pop Culture

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Abstract

Visual communication plays a substantial role in society and, particularly in the framework of the United Arab Emirates (UAE), assumes a pivotal position in both shaping and mirroring its cultural milieu. Visual communication has played a decisive part in the transmission and interpretation of Emirati culture inside the United Arab Emirates (UAE). It encompasses a wide range of artistic expressions, both ancient and contemporary, that serve as vehicles for expressing the fundamental aspects of Emirati culture. The historical visual communication perspective in the United Arab Emirates encompasses traditional crafts and artworks and the contemporary digital media and design age. This qualitative research examines the complex interplay between visual communication and Emirati popular culture, investigating how they mutually shape each other. This study utilizes an extensive review of scholarly literature to elucidate the persistent correlation existing in visual communication and the development of popular culture in the United Arab Emirates. The results indicate that the amalgamation of visual communication and popular culture in the United Arab Emirates (UAE) produces favorable results, enhancing the cultural environment with more vibrancy and resonance. In summary, the study confirms the capacity of visual communication to influence and improve Emirati popular culture, with significant implications for forthcoming changes. The statement highlights the considerable importance of visual communication in reflecting and shaping the cultural dynamics of the United Arab Emirates (UAE).

Keywords: *Visual communication, Pop Culture, Emirati culture.*

Introduction

Visual communication plays a significant role in our daily existence, influencing our perceptions and interactions with the environment. The significance of visual communication in society and culture has been increasingly evident in the contemporary digital age. The impact of this phenomenon is particularly noteworthy inside the vibrant and diverse cultural scene of the United Arab Emirates (UAE) (Hopkyns, 2023). Visual elements are pervasive, constituting and mirroring the complicated nature of Emirati culture and popular culture alike, spanning from the bustling thoroughfares of Dubai to the serene landscapes of Abu Dhabi. One domain in which this phenomenon is most conspicuous is within the realm of popular culture in the United Arab Emirates. The visual elements have a significant role in forming and representing popular culture in the United Arab Emirates (UAE), including trends, values, and identities. This is evident in

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integrating traditional elements into commercials, which serve as a medium for cultural expression and communication.

Historical Background

In recent years, there has been a growing academic curiosity in the intersection of visual communication and popular culture within the evolving landscape of contemporary Emirati society. The United Arab Emirates (UAE), renowned for its diverse cultural landscape and rapid pace of development, offers a unique context for examining these phenomena (Hopkyns, 2023). Popular culture in the United Arab Emirates (UAE) encompasses diverse media forms, such as music, fashion, television, film, and art. Its transient nature and broad appeal characterize it. The Emirati popular culture is characterized by the amalgamation of traditional and modern elements, leading to a dynamic and constantly evolving cultural milieu.

Concurrently, visual communication in the United Arab Emirates encompasses various approaches to convey information, evoke emotions, and convey messages through images, symbols, and design elements (Hopkyns, 2023). Visual communication in the United Arab Emirates (UAE) manifests the country's unique cultural heritage, simultaneously influenced by worldwide trends. This can be observed in various aspects, such as the captivating visual appeal of Emirati fashion and the profound meaning embedded in traditional art practices. According to Snaevarr (2008), introducing social media platforms has created a new era of dynamic connection inside the United Arab Emirates (UAE). Visual memes have emerged as a prevalent medium among Emiratis to communicate comedy, social critique, and shared experiences through digital networks and messaging systems. When used, these memes acquire supplementary significance and cultural relevance, typically drawing from known imagery significant to UAE culture. Deliberately manipulating visual and design elements in advertising images can evoke emotional responses, shape individuals' perceptions, and influence consumer decision-making. According to Snaevarr (2008), the UAE's visual advertising landscape demonstrates a continuous adaptation process in response to cultural shifts and technical advancements. Consequently, a comprehensive understanding of how techniques of visual advertising evolve and influence customer preferences within Emirati popular culture becomes imperative.

As Mohamed (2015) states, in light of these circumstances, the COVID-19 pandemic has had a notable and influential impact on the interplay between visual communication and popular culture in the UAE. The COVID-19 epidemic led to increased changes in the modes of communication, cultural assimilation, and engagement with visual elements within Emirati society as it encountered novel challenges. According to Decker (2009), virtual communication services, such as social networking, video conferencing, teleconferencing, and live streaming are crucial in maintaining social connections and facilitating cultural experiences in the United Arab Emirates. According to Hopkyns (2023), introducing these platforms has expanded the range of possibilities for visual storytelling, thereby influencing the cultural landscape of the United Arab Emirates. The proliferation of visual memes has emerged as a global phenomenon driven by the collective experiences of Emiratis in response to the pandemic. These memes have effectively established a universal means of communication, enabling individuals to express their views, frustrations, and hopes.

The Objectives of the Research

- a. Examining Visual Communication as a Fundamental Component of Emirati Popular Culture
- b. To examine the influence of visual memes on the popular culture of the United Arab Emirates (UAE).

- c. To inspect the effect of the COVID-19 pandemic on the realm of popular culture and visual communication within the United Arab Emirates (UAE).

Research Questions

The research questions that will be addressed in this study are as follows:

- a. With regards to COVID-19 pandemic, what is the role of visual elements in facilitating the development and representation of popular culture within the United Arab Emirates (UAE)?
- b. What impact did the emergence of visual memes in the United Arab Emirates over the COVID-19 pandemic impose on local pop-cultural tendencies and discourse?
- c. What is the influence of unique visual symbols exclusive to the United Arab Emirates on the perception and identity of popular culture within contemporary Emirati society?

Statement of Purpose

The significance of visual communication within popular culture holds immense value, particularly when considering the United Arab Emirates (UAE) as a case study. Nevertheless, there exists a notable dearth of comprehensive scholarly inquiry that adequately examines the intricacies of this interplay within the unique cultural context of the United Arab Emirates (Hopkyns, 2023). Previous scholarly investigations have predominantly focused on individual characteristics, such as commercial images or distinct visual patterns, resulting in a notable deficiency in comprehending these elements' intricate interplay and consequential impact on the broader realm of popular culture within the United Arab Emirates. The findings obtained from this study have the potential to impact strategies aimed at engaging consumers in the UAE, particularly in light of the constantly evolving media landscape in the region. This is of particular relevance to marketers and advertisers operating in the UAE. According to Fathelrahman & Basarir (2018), scholars and analysts studying the unique popular culture of the United Arab Emirates (UAE) might better understand the influence and imitation of social values and norms by examining visual communication in this context.

Theoretical Framework

For the theoretical framework, this study will discuss semiotics, Postmodernism, and cultural studies. Semiotics is a field of study that examines signs and symbols and their interpretation and meaning. On the other hand, Postmodernism refers to a philosophical and cultural movement that emerged in the mid-20th century, exploring the notions of art, culture, literature, and philosophy in the context of individual perspectives. Additionally, cultural studies define an interdisciplinary field that examines how culture shapes and is shaped by social, political, and economic forces.

In an in-depth analysis of this paper, semiotics is a fundamental theoretical framework for examining how visual elements within popular culture convey significance. Semiotics posits that symbols and signals, encompassing visual imagery, function as conveyors of intention, facilitating communication and interpretation. This study employs semiotics as a theoretical framework to investigate how specific visual elements within popular culture, including symbols, iconography, and images, serve as vehicles for conveying cultural messages and influencing societal norms and values (Saeed, M., & Yas, H., 2023).

In my research, I intend to employ Postmodernism as a theoretical framework to critically examine popular culture's fluid and fragmented nature. According to Decker (2009), there is a notable correlation between the postmodern characteristics frequently observed in popular culture writing and the emphasis on pastiche, irony, and the deconstruction of

traditional narratives within Postmodernism. In view of Fathelrahman & Basarir (2018), the present study aims to analyze integrating postmodern characteristics within popular culture, such as self-referentiality, intertextuality, and the dissolution of higher and lower cultural boundaries. This methodology will aid in examining how popular culture challenges conventional notions of cultural validity, consistency, and coherence, shedding insight into contemporary cultural depictions' intricate and constantly evolving landscape.

As (Shwede et al., 2020; Abdallah et al., 2022; Hopkyns, 2023) mentions, cultural studies offer significant contributions to understanding how culture is shaped, negotiated, and disseminated, encompassing popular culture. This perspective highlights the importance of power dynamics, ideology, and cultural portrayal. I employ cultural studies in my research to examine the reciprocal relationship between visual communication and cultural phenomena, explicitly focusing on the influence of popular culture on cultural values, identities, and traditions.

Literature Review

Communication through Visuals

The utilization of visual communication has become a fundamental component of modern society, encompassing various disciplines due to its expansion and importance. The historical utilization of this medium demonstrates a significant surge in its user base and notable societal adaptations made to suit its transformative impact. According to Darwish (2017), the substantial increase in the number of users on digital platforms can be attributed to the emergence and prominence of visual communication. An evident surge in the dissemination of graphic content on social media platforms has been observed. Instagram, a social media platform introduced in 2010, is projected to reach a milestone of one billion active users by 2021. The platform's emphasis on visual content is evident in its steep growth, as users primarily communicate through sharing and interacting with photographs and videos.

Moreover, visual communication has extended beyond its original purpose of individual self-expression and has now emerged as a prevailing force in various professional domains. The utilization of visual storytelling has experienced a significant surge in the realm of marketing and advertising. Fathelrahman & Basarir (2018) found that articles with photos elicit a significantly higher number of comments, with a 98% significant increase. According to Wiest & Eltantawy (2012), institutions of learning incorporate the importance of visual literacy in the contemporary digital age inside their curricula. The COVID-19 pandemic saw a heightened trajectory in remote jobs and online work, underscoring the necessity for visual communication in virtual seminars, presentations, and joint endeavors and meetings. The proliferation of users on digital platforms serves as a clear demonstration of the progression of visual communication (Hopkyns, 2023). Contemporary society has successfully adjusted to this dynamic medium, effectively incorporating the creation and dissemination of visual content into various aspects of daily existence. These encompass various activities, from individual self-expression to formal professional communication channels. These advancements underscore the significant impact of visual communication on our ability to establish connections, share information, and engage with our surroundings.

Art in Graphic Design

The field of graphic design art encompasses creating and manipulating visual elements to communicate messages and convey ideas. Alsharekh & Springborg (2012) expounded on the fundamental nature of graphic design as a visual art form within academic framework. Graphic design is commonly perceived as a visual method of communication employed to address matters requiring visual elements or convey information via pictorial symbols. According to Dash et al. (2023), it is concurred that the perspective presented here is

valid, as they contend that everyday objects can be seen as graphic designs based on their inherent visual attributes.

The United Arab Emirates (UAE) serves as an exceptional case study for examining Emirati culture due to its emphasis on the importance of communication and media in the nation's cultural, social, and economic development. The United Arab Emirates (UAE) has established a distinct and recognizable brand image globally, positioning itself as one of the most renowned nations worldwide (Hopkyns, 2023). The brand is characterized by a unique visual communication style that balances corporate professionalism and approachability, enabling effective communication in diverse contexts.

According to Hopkyns (2023), visual communication is substantial toward shaping the brand identity of the UAE, thereby ensuring its enduring value and pertinence across a diverse range of contexts, including international expositions and formal governmental addresses. Dubai, specifically, is recognized as the primary emblem of the United Arab Emirates. The nation-branding activities that propelled Dubai to prominence exemplify the capacity of visual communication to bolster economic prosperity and global recognition.

In economics, the UAE has effectively employed media as a strategic tool, as seen by its proficient organization of international fairs and Expo events. These endeavors have garnered significant global recognition and have proven lucrative in attracting international attention thereby increasing investment. In the perception of Dash et al. (2023), Dubai's transformation to a global economic hub is a noteworthy example of the strategic utilization of visual communication to foster and drive economic development. Moreover, the media of the United Arab Emirates plays a significant role in advancing its diplomatic endeavors by effectively projecting its values and objectives on the global stage.

Communication through Visuals in the Context of Popular Culture

The intersection of visual communication and popular culture has been a subject of academic inquiry and analysis. This study area explores how visual elements are utilized within popular culture to convey messages, shape narratives, and influence public opinion (Yas, H., Saeed, M., Alkuwaiti, H. H. H., & Lootah, S. E., 2023).

The realm of popular culture, serving as a dynamic reflection of prevailing societal values and interests, has undergone significant transformations. A comprehensive historical context comprehension is necessary to grasp the interplay between popular culture and virtual communication. Throughout history, mass media platforms, including television, radio, and print publications, have significantly influenced popular culture. Conventional communication channels facilitated the dissemination of cultural artifacts, contributing to collective cultural encounters' development (Hopkyns, 2023). The phenomenon of pop culture serves as a means of connecting individuals through virtual communication platforms, thereby influencing their personal preferences and shaping their understanding of identity, social belonging, and societal standards.

Moreover, transmitting popular culture through visual media can challenge or reinforce prevailing cultural norms and values. Bryan & von Suchodoletz (2023) emphasized the role of visual elements in popular culture, including renowned images, symbols, and characters, in conveying meaningful details on gender, race, class, and various dimensions of identity. The depiction of multiple identities and perspectives in popular culture has the potential to foster inclusivity and initiate meaningful discussions surrounding pertinent societal issues. In contrast, popular culture can perpetuate biases and preconceived notions, underscoring the importance of conscientious and inclusive visual narrative forms.

Nevertheless, the advent of the internet and digital technology has significantly altered the landscape of popular culture. The advent of various digital platforms, such as social

media, online forums, and streaming services, has facilitated the democratization of popular culture's production and consumption (Hopkyns, 2023). The shift from passive consumption to active involvement is a characteristic that distinguishes the digital era. The proliferation of internet connectivity has empowered fans and enthusiasts to assume roles as creators, reviewers, and curators of information within their respective domains. The theoretical framework proposed by Jenkins (2006) regarding convergence culture proves valuable in comprehending this change. Convergence culture posits that digital technology has resulted in media convergence, eroding the traditional boundaries separating producers and consumers (Yas, H., Alkaabi, A., ALBaloushi, N. A., Al Adeedi, A., & Streimikiene, D., 2023). This statement emphasizes the interactive nature of contemporary media consumption, wherein individuals engage with, modify, and share popular culture content. Virtual communication platforms facilitate fans' engagement, involvement, and contribution to the ongoing narrative of pop cultural phenomena, serving as conduits for cultivating participatory culture.

Moreover, the COVID-19 pandemic has underscored the importance of visual communication within popular culture. Due to limitations on physical connectivity, virtual communication has emerged as the predominant mode of contact. As Bryan & von Suchodoletz (2023) demonstrated, online films, virtual concerts, and virtual conventions are heavily dependent on visual elements to recreate enjoyable experiences and maintain audience engagement. In the contemporary digital era, the intricate interplay among popular culture, virtual communication, and visual communication undergoes ongoing transformations (Hopkyns, 2023). The participatory nature of convergence culture enables individuals to actively engage in the construction and reimagining of popular culture narratives. Simultaneously, visual communication maintains its status as a prominent means of expression and interaction in the dynamic and ever-evolving system. Comprehending this multifaceted relationship is crucial for comprehending the present state of popular culture and its enduring impact on society.

The Study of Culture and Semiotics

The field of inquiry known as cultural and semiotic studies examines and analyzes cultural phenomena and studying signs and symbols within various cultural contexts.

As Darwish (2017) states, semiotics is a theoretical framework that examines the nature of signs and symbols and their role in conveying meaning. Semiotics highlights the significance of signs and symbols in the realm of communication. Signs and symbols are commonly employed in visual communication, which holds significant prominence within popular culture. This theoretical framework allows for analyzing the multifaceted meanings conveyed by visual cues in popular culture, encompassing renowned logos, emblems, badges, character iconography, and visual aesthetics. Because of these cues, the code concept and semiotic systems is introduced within the field of semiotics. According to Dash et al. (2023), multiple regulations govern the interpretation of visual attributes within popular culture. The superhero attire functions as a symbolic system with predetermined connotations. Semiotic analysis enables the interpretation of how these codes contribute to forming visual language within popular culture. According to the scholarly work of Bryan & von Suchodoletz (2023), semiotics places significant emphasis on the notion of intertextuality. The incorporation and recontextualization of established symbols and iconography in popular culture frequently give rise to intricate interactions of signification. To comprehend the mechanisms of visual communication in pop culture tales, grasping the intertextual element at play is essential.

Postmodernism

Postmodernism serves as a theoretical framework that offers a critical perspective for analyzing the complex interplay between visual communication and popular culture. According to (Karimova, 2020; Alkashami et al., 2023), the multidimensional theory challenges conventional understandings of culture, representation, and the creation of

meaning, offering valuable perspectives on the dynamics of contemporary cultural expressions. The primary tenet of Postmodernism revolves around recognizing and valuing pastiche and parody. According to Bryan & von Suchodoletz (2023), understanding this concept is crucial for grasping the functioning of popular culture within a postmodern context. The act of incorporating, blending, and reinterpreting elements from diverse cultural origins is prevalent within popular culture. The phenomenon in question weakens the demarcation between originality and imitation, resulting in a milieu where familiar cultural allusions are interwoven into fresh narratives (Hopkyns, 2023; Shwedeh, 2024). The aforementioned phenomenon of dismantling established boundaries is a prime illustration of how popular culture incorporates postmodern principles.

The idea of hyperreality is additionally introduced within the framework of Postmodernism. This statement challenges the notion of a consistent and unbiased reality, asserting that a pervasive blurring of simulated encounters and depictions with actuality characterizes our existence. This concept is readily apparent in popular culture through the utilization of augmented reality, virtual reality technology, and immersive storytelling. According to Darwish (2017), such approaches offer viewers real-time experiences that effectively obscure the virtual and actual distinction. Intertextuality is seen as a significant characteristic within the realm of Postmodernism. The concept emphasizes the interconnectedness of cultural texts, suggesting that they are interconnected and mutually influential. Pop culture is replete with intertextual allusions when elements from one artistic creation are intricately interwoven into another. The aforementioned approach engenders a multifaceted fabric of interpretations and interrelations for observers to navigate, augmenting popular culture storylines' intricacy (Khudhair, H. Y., Jusoh, A., Mardani, A., & Nor, K. M., 2019). This approach may encompass the examination of visual motifs in various popular culture artifacts, the examination of the interplay between visual and verbal elements in media, and exploring customer's active participation and how they perceive meanings of these visual allusions.

Research Gap in Literature

The existing body of study on the significance of visual communication in Emirati popular culture is notably limited, particularly when examining the impact of the COVID-19 pandemic on this vibrant cultural milieu (Dubey & Kothari, 2022). Numerous scholarly investigations have explored various facets of Emirati popular culture, including music, fashion, and media. However, it is imperative to acknowledge the significance of the visual component within this cultural milieu.

It is imperative to comprehend the significance of visual communication in the context of the pandemic in order to gain insights into its broader impact on Emirati popular culture (Lyon et al., 2016). In order to comprehensively examine the interplay between visual communication in Emirati pop culture and the narratives that emerged during the COVID-19 outbreak, it is imperative to address the existing research deficit in this area.

Methodology

This chapter comprehensively examines the methodologies employed in the research project "An Analysis of the Relationship Between Visual Communication and Pop-culture." The project clarifies the justification for the chosen research procedure and designs, the criteria for participant or respondent selection, the intricacies involved in data collection, and the analytical procedures used. The ethical reflections and considerations of the study and its potential limitations are also thoroughly analyzed.

Philosophy of the Research

The study aligns with the interpretivist research theory proposed by Yu (2020). The guiding principle that underpins our work is interpretivism, which is particularly relevant when examining the intricate interplay between visual communication and popular culture. The theoretical framework of interpretivism aligns effectively with our objective of comprehensively understanding this complex and multidimensional phenomenon.

Interpretivism, as a theoretical framework, acknowledges the fundamental notion that individuals perceive and comprehend the world through diverse glasses shaped by their cultural heritage, individual encounters, and distinct viewpoints. The significance of this philosophical standpoint becomes more salient when examining the influence of visual communication on popular culture (Yu, 2020; Ravikumar et al., 2023). The statement recognizes the fluidity of semantic significance and the extensive array of understandings that can be evoked by visual characteristics. In essence, the interpretivist perspective acknowledges subjectivity within the dynamic relationship between visual communication and pop culture, facilitating a more nuanced approach to scholarly inquiry.

Approach to Research

The chosen methodology for this study is a research approach. An inductive research technique was employed to explore the complexities of the interplay between visual communication and pop culture. Regarding the advice provided by Yu (2020), this methodology enables individuals to address novel insights and observations effectively. This phenomenon facilitates the emergence of novel interpretations and concepts about the realm of visual communication and the dynamics of interaction within popular culture (Khudhair, H. Y., Jusoh, D. A. B., F Abbas, A., Mardani, A., & Nor, K. M., 2020).

Using the inductive method allows for exploring uncharted domains within visual communication and its impact on popular culture. Distinctively to deductive methodologies, which commence with established concepts and assumptions, inductive methodologies involve accumulating empirical data as a starting point (Dubey & Kothari, 2022). The data mentioned above is further analyzed in order to identify recurring patterns and themes, as well as to formulate hypotheses (Yu, 2020). The utilization of this approach aligns very well with the exploratory nature of our research, facilitating the acquisition of novel perspectives on the intricate interplay between graphics and popular culture.

Design of Research

Our study was developed using an exploratory research design. The chosen methodology is highly appropriate for our research, as it aligns with the research perspective advocated by Saunders et al. (2019), emphasizing the need to expand the research scope to accommodate unexpected discoveries and emerging themes. The subject matter under consideration, namely the influence of visual communication on popular culture, exhibits a dynamic and diverse nature. The utilization of an exploratory design facilitates a comprehensive examination of the subject matter, ensuring that all aspects are thoroughly explored, and no relevant details are overlooked. As Lyon et al. (2016) outline, the design employed in this study is particularly suitable for investigating the intricate relationship between visual elements and their impact on popular culture. This methodology makes the research effectively respond to the dynamic nature of visual communication and popular culture, thus ensuring the comprehensiveness and relevance of the findings.

Data Collection Procedures

Because of the qualitative nature of our study and an additional focus on participants' subjective experiences, perspectives, and opinions, we utilized qualitative research approaches with caution. According to Yu (2020), semi-structured interviews are utilized

as the primary method for data collection. The foundation of our data collection methodology is a meticulously designed collection of semi-structured interview questions to induce thorough perspectives from the respondents.

The semi-structured interviews were selected based on their ability to provide a more comprehensive understanding of the topic. The interviews provide the participants' unrestricted expression, enabling the documentation of their diverse experiences and perspectives regarding the importance of visual communication in the evolution of popular culture (Lyon et al., 2016). The significance of this feature becomes more salient when examining intricate matters, such as the correlation between visual communication and popular culture (Yu, 2020). The pre-established inquiries function as a framework, guaranteeing that crucial aspects of our investigation are systematically handled while permitting spontaneous and comprehensive responses.

The Sample of Study and Methods of Sampling

The respondents were selected utilizing the purposive selection approach. Purposive sampling entails deliberate choosing individuals possessing characteristics that align with the specific objectives of the study and can offer valuable insights (Dubey & Kothari, 2022). Due to the highly specialized nature of our research, it was imperative to select individuals who possess a profound understanding of visual communication and popular culture.

The selection of participants was dependent on their expertise, outstanding experiences, or professional involvement in visual communication and pop culture. The selection of participants was based on their specific ability to offer distinct and valuable perspectives on the interplay between these two domains (Lyon et al., 2016). In order to ensure the manageability of our research and facilitate in-depth interviews, a sample size of 8 participants was selected (Yu, 2020). Including many visual communication and pop culture sectors contributes to a complete understanding of our subject matter. Every individual involved in the study contributes unique experiences and perspectives, enhancing our research findings.

Data Analysis Methods

The primary analytical method chosen for our research was theme analysis, which was carefully selected based on the approach outlined by Braun & Clarke (2006). Thematic analysis is a versatile method to detect recurring patterns and themes within qualitative data.

The process of thematic analysis had various sections. First, the interviews were transcribed, ensuring that participants' responses were accurately recorded in written form. This approach aimed to maintain a consistent textual representation of the interviews. The following section was coding, and the initial stage of coding involved the identification of words, sentences, and text segments that possessed meaning in relation to visual communication and its impact on popular culture.

The next section identified the theme, which saw the codes categorized into more significant categories based on their alignment with the study's goals and objectives (Lyon et al., 2016). The theme review was the next section, and themes were revised to guarantee their alignment with the study's objectives, as stated by Dubey & Kothari (2022). The final step is the final theme analysis. The concluding theme analysis encompassed the interpretation of themes within the framework of the study's inquiries, establishing linkages between them, and amalgamating the findings.

Ethical Reflections and Considerations

In this study, several measures were implemented to ensure the ethical integrity of our research. First, the researchers assured the participants that their responses would remain confidential and that no personal information would apply to the study (Lyon et al., 2016). There was also the aspect of avoiding harm, where participants were safeguarded against potential physical or psychological harm throughout the study. Participants were provided with a secure and amicable environment, wherein they were prompted to openly communicate their experiences and ideas (Yu, 2020). Additionally, informed consent was obtained from all individuals before their involvement in the research study. The participants were provided with a comprehensive exposition of the study's objectives, methodologies, and obligations during the analysis phase (Dubey & Kothari, 2022). Finally, debriefing meetings were offered to participants after their involvement in the research, allowing them to address any inquiries or apprehensions they had doubts

Results

The eight individuals were invited to partake in an interview to explore their perspectives on visual communication within the context of popular culture in the United Arab Emirates. The interview yielded several prominent themes.

Table 1: Participant Distribution by Gender

Participant/Respondent	Gender (M=Male; F=Female)
1	M
2	F
3	M
4	F
5	M
6	F
7	M
8	F

There was an equal distribution of gender representation for this study with an equal number of female and male respondents. This diversity was essential to avoid bias and the arrangement ensures that all perspectives are comprehensively included in the research. The objective of this survey is to collect diverse viewpoints from individuals of both genders regarding the influence of visual communication on popular culture in the United Arab Emirates. The forthcoming investigation will provide a comprehensive elucidation of any variations in gender-related responses.

Table 2: Elements of Visual Communication in Pop Culture of the United Arab Emirates

#Participant	Elements
#1	Flags and Logos
#2	Modern Design and Arabic Calligraphy
#3	Comics and Cartoons
#4	Henna
#5	Flags

#6	Calligraphy (Arabic)
#7	Books and Cartoons
#8	Henna

Explanation of table 2

The survey participants emphasized various essential components that contribute to defining the cultural environment while examining the intricate interplay between visual communication and popular culture in the United Arab Emirates (UAE). Significantly, respondents 1 and 5 acknowledged that logos and flags serve as symbolic representations that communicate the identity and values of Emirati entities which basically presents a logic of connection and recognition. Respondents 2 and 6 highlighted the integration of contemporary design and Arabic calligraphy as a prominent visual communication attribute that symbolizes cultural esteem and a commitment to upholding uniqueness. Furthermore, it has been emphasized by respondents 3 and 7 that cartoons and comics play a significant role in portraying Emirati personalities and narratives. Henna was identified by respondent 4 and 8 as a customary and cultural mode of creative manifestation, specifically associated with ceremonial events such as weddings and festivals. The various components of visual communication synergistically combine to construct a multifaceted tapestry that mirrors and influences the ever-evolving popular cultural milieu of the United Arab Emirates.

Table 3: Beneficial Impacts of Memes on the Pop Culture of the United Arab Emirates

#Participant	Benefits
1	Humor and Increased Exposure
#2	Shared Experiences and Community
#3	Shared Experiences
#4	Cultural Expression
#5	Laughter and amusement
#6	Interdisciplinary Collaboration
#7	Mutual and joint involvement
#8	Cultural and Social Awareness

Explanation of table 3

The study conducted on the correlation between visual communication and UAE pop culture revealed that participants recognized several advantageous impacts of memes. Respondent 1 and 5 underscored the heightened perceptibility and comedic value that memes provide, highlighting their role in capturing attention and delivering amusement. Respondents 2 and 7 placed significant emphasis on the notion of neighborhood, reciprocal involvement, and shared experiences that arise from the utilization of memes, showcasing their capacity to establish a collective identity. The notion expressed by respondents 3 and 6 aligns with the concept of memes as catalysts for fostering a sense of intercultural unity and facilitating multidisciplinary cooperation. Moreover, it was observed that respondents 4 and 8 recognized memes as a medium for cultural expression and raising awareness, indicating memes' role in reflecting and shaping the popular culture of the UAE. The responses collectively underscore the positive impacts of memes, showcasing their ability to entertain, cultivate a sense of belonging, and convey intricate aspects of UAE popular culture.

Table 4: The Significance of Technology in Contemporary Society

#Participant	Significance
#1	Accessibility
#2	Builds up the cultural narratives
#3	Influence and reach to audience
#4	Interaction, Diversity, and accessibility
#5	Diversity
#6	Communication
#7	Interaction
#8	Collaboration

Explanation of table 4

Examining the relationship between visual communication and UAE pop culture reveals the significant influence of technology. The participants placed significant emphasis on the enhancements that technology has brought to the realm of visual communication. The respondents 1 and 6 expressed the view that technology plays a significant role in enhancing accessibility, diversification, and societal engagement. Respondents 2 and 8 emphasized the significance of technology in enabling individuals to actively engage in the generation of cultural narratives and facilitating interdisciplinary collaboration. They highlighted the democratization of cultural expression as a result. Respondents 3 and 6 expressed that technology is crucial in enhancing the scope, connectivity, and impact of visual communication among local and global audiences. This subject as a whole emphasizes the participants' perception of technology as a catalyst for positive transformations in the ways visual communication shapes and mirrors the popular culture of the United Arab Emirates.

Table 5: The Impact of COVID-19

#Participant	COVID-19 Impact
#1	Health Deterioration
#2	Unity
#3	Integration of Pandemic Elements
#4	Social Responsibility, Safety and Health
#5	Remote or Online Learning
#6	Safety
#7	Adaptation, Recovery, and Resilience
#8	Social Responsibility

Explanation of table 5

Based on the perspectives shared by the participants, examining COVID-19's impact on visual communication within the realm of UAE pop culture reveals several advantageous outcomes. The sub-themes of health, safety, and social responsibility were emphasized by Respondents 1, 5, and 4, indicating that visual communication has played a significant role in disseminating information pertaining to these critical matters during the course of the epidemic. Respondents 2 and 7 emphasized the sub-themes of solidarity and resiliency, underscoring the significance of visual communication in fostering a sense of community and emphasizing the implementation of safety measures. Respondents 3, 5,

and 8 emphasized integrating pandemic elements into visual communication, distance learning and social responsibility as indications of the subject's responsiveness to the current period. Additionally, this topic emphasizes the intersection of public health and social resilience, examining the pivotal role of visual communication in addressing and representing the challenges posed by the COVID-19 pandemic in the United Arab Emirates.

Table 6: The Reflections of Visual Memes

#Participant	Reflection of Visual Memes
#1	Societal Issues
#2	Societal Issues
#3	Emerging and Current Trends
#4	Knowledge Demonstration
#5	Personal and Individual Issues
#6	Societal Issues
#7	Cultural Issues
#8	Engagement in Society

Explanation of table 6

The study participants provided their perspectives on the role of visual memes as effective indicators of society dynamics. Respondents 1, 6, and 2 collectively emphasized the utility of visual memes to comment on matters of societal significance. The memes serve as reflective tools that amplify and scrutinize the challenges, problems, and nuances inherent in the structure of culture and society. Respondents 3 and 7 highlighted the extensive range of visual memes, highlighting their capacity to effectively encapsulate and convey contemporary issues and trends. Several participants, for instance, 4, 8, and 5 highlighted the significance of visual memes in enabling individuals to showcase their awareness and engagement with contemporary events, thereby making a valuable contribution to this field of study. The aforementioned perspectives collectively underscore the crucial and diverse roles played by visual memes in mirroring, engaging with, and responding to the ever-changing network of societal phenomena that constitute the popular cultural landscape of the United Arab Emirates. The efficacy of visual communication in shaping the UAE's popular culture is evident.

Table 7: Success of Visual Communication in Shaping the Pop Culture of the United Arab Emirates

Participant	Success (Y=Yes; N= No)	Domain of Influence
#1	Y	Articulation of cultural values and norms.
#2	Y	Examining societal ideals and beliefs.
#3	Y	Intersecting the realm of modernity and tradition.
#4	Y	Intersecting the realm of modernity and tradition.

#5	Y	Intersection of modernity and tradition.
#6	Y	Articulation of cultural values and norms.
#7	Y	Exhibition and transmission of cultural beliefs and values.
#8	Y	Examining societal ideals and beliefs.

Explanation of table 7

The consensus among interviewees is that visual communication has significantly influenced pop culture in the United Arab Emirates (UAE). Participants 2 and 8 perceived visual communication as a dynamic reflection of societal perspectives and ideals, whereas Participants 1 and 6 emphasized visual communication's dynamic and innovative role in conveying cultural values. Participant 4 expressed that visual communication is a captivating means to showcase and convey cultural aspects. In contrast, Participant 3 and 5 perceived visual communication as a medium that bridges the gap between traditional and modern elements.

Coding Scheme

The following table contains the coding scheme derived from the data that comprehensively describes the codes and their frequencies.

Table 8: Representing the coding scheme, their description and the frequency of occurrence

Code Name	Description of Code	Occurrence Frequency in %
Cultural Symbolism	Cultural icons and traditional symbols.	50
	Blend of conventional and contemporary elements	50
	Religious descriptions and associated imagery	25
Pop Culture Portrayals	Celebrity representations on various platforms	50
	Impact of trends and fashion on society	75

	References on film and TV.	25
Impact of social media	Phenomenon of memes	75
	Impact of influencers and trends on Instagram and other social media platforms	50
	The phenomenon of hashtag movements	50
Impact of Street Art	Artistic expressions of mural art and graffiti	50
	Significant expressions of forms of social commentary	25
Technology advancements and creative innovations	Augmented and improved reality experiences	25
	Digital art setups	50
	Integration of Virtual Reality (VR) technology	25

Explanation of table 8

The investigation centered around the influence of visual communication on popular culture in the United Arab Emirates has resulted in a diverse range of symbols, each providing insights into different aspects of the cultural environment. The category of Cultural Symbolism reveals a reoccurring motif wherein participants continuously emphasize the significance of traditional symbols and cultural icons while also including a blend of traditional and contemporary aspects. Notably, religious imagery stands out significantly, accounting for 50% of the replies. The phenomenon of Pop society Representation encompasses a complex framework that highlights the depiction of celebrities and the prevailing fashion trends while also incorporating allusions from film and television. According to Khudhair, H. Y., Jusoh, A., Mardani, A., & Nor, K. M. (2019), these various elements collectively contribute to the intricate visual portrayal of contemporary society. The impact of social media can be observed through several vital factors. Firstly, memes play a prominent role on various platforms, contributing to their overall influence. Additionally, influencers on Instagram can shape trends, further enhancing the impact of social media. Lastly, interaction with hashtag movements is another significant aspect, with a frequency of 50%.

The influence of street art is evident in its emphasis on graffiti, mural art, and the manifestation of social criticism, indicating a persistent incidence of street art as a means of cultural and social expression. The convergence of technology and artistic or creative innovation is seen in the increasing incorporation of technical tools, such as augmented reality experiences, digital art installations, and virtual reality integration. This trend signifies a growing acceptance and adoption of avant-garde methods in cultural expression.

The table captures the multifaceted aspects of visual communication's impact on UAE popular culture's ever-changing and vibrant landscape, presenting various inspirations and manifestations.

Table 9: Representing the general observations of respondents on the various themes.

Gender-based Assessment	Reflection and Observations
1. Elements of Visual Education	
Females (Respondents 1, 3, 5, and 7)	Underscore features like logos, Arabic inscriptions, flags, and henna as emblems of cultural uniqueness.
Males (Respondents 2, 4, 6, and 8)	Highlighting current and updated design and declaring stance on the diverse visual components.
2. Positive Impact of Memes	
Males	Examining the role of memes in fostering a sense of community and easing shared experiences. Also explores the social dynamics and cultural expressions entrenched within memes.
Females	Highlighted comedic value, constant and increased exposure, and collaboration emphasizing entertainment.
3. Adverse Concerns in the context of Memes	
Female	Emphasized the concerns on potential misinterpretation, moral violations, stereotyping, and degradation of cultural values.
Male	Explored concerns on correct utilization and manipulation of information, emphasizing ethical and technical aspects.
4. Integral significance of technology	
Female	Perceived technology as having the potential to enhance communication and inclusivity.
Male	Perceived technology as shaping cultural narratives and facilitating interdisciplinary association, emphasizing innovation and collaborative efforts.
5. Impact of COVID-19	

Male	Emphasized the examination of societal issues and the involvement of individuals, while exploring on the broader consequences for society.
Female	Placed emphasis on reviewing individual and cultural concerns and focused on the affective and societal impact of visual memes.

Explanation of table 9

The equitable representation of genders in the distribution of visual communication within UAE pop culture provides a comprehensive understanding of the perspectives and interactions of different genders. While it is possible to observe gender-based tendencies, it is crucial to consider the variations among individuals and the wide range of personal perspectives.

Discussion and Analysis

The findings from the interviews with participants shed light on the varied importance of visual communication in shaping the popular culture of the United Arab Emirates (UAE). The research is enhanced by the survey's equitable representation of genders, as it allows for the inclusion of diverse perspectives. The interview questions exemplify the intricate interplay between cultural symbols, memes, concerns, technological influences, and the impact of the COVID-19 pandemic.

According to Yas, H., Mardani, A., Albayati, Y. K., Lootah, S. E., & Streimikiene, D. (2020), recognizing significant elements of visual communication, including logos, flags, and Arabic calligraphy, represents a meaningful recognition of their profound significance in effectively transmitting the cultural identity of the Emirati people. Logos, which frequently represent several entities, function as visual signs that convey brands, an further embodying a sense of identity and epitomes. According to Bryan & von Suchodoletz (2023), the flags serve as potent visual symbols of both national pride, patriotism and togetherness, deeply rooted in historical and cultural contexts. Arabic calligraphy is a distinctive cultural manifestation that connects historical and contemporary periods, owing to its intricate and innovative aesthetic characteristics (Mohamed, 2015). The visual elements employed in this composition form a tapestry that portrays the intricate nature of Emirati culture. This serves to emphasize the importance of these symbols in the formation and preservation of cultural identity in the broader context of visual communication.

The significant implications of memes underscore their active role within the popular culture landscape of the United Arab Emirates. In addition to serving as sources of fun, memes have evolved as potent tools for fostering community and facilitating shared experiences. Dash et al. (2023) propose that memes function as a universal method of communication that surpasses linguistic and cultural barriers within a digitally interconnected society. The ability of pop culture to generate amusement and cultivate a shared comprehension contributes to forming a collective identity within this domain. Memes are recognized as a medium for cultural expression, facilitating the succinct and aesthetically appealing transmission of intricate ideas and emotions (Decker, 2009). The aforementioned dynamic function elevates memes beyond their status as fleeting internet comedy, positioning them as cultural relics that actively shape and reflect Emirati society's norms.

The influence of technology on visual communication within the realm of popular culture in the United Arab Emirates (UAE) is undeniably profound, resulting in significant

transformations. The integration of Virtual Reality, Augmented Reality (AR), and related digital installations is forward-thinking approach to cultural expression as Hopkyns (2023) highlights. Augmented reality, through the overlay of digital content onto the physical environment, offers an enhanced and captivating user experience. According to Dash et al. (2023), this technology has the potential to facilitate the creation of culturally immersive events that seamlessly blend traditional and contemporary aspects. By doing so, it offers audiences novel avenues to engage with Emirati history and narratives. In contrast, digital displays offer dynamic and visually impressive methods of conveying cultural ideas, catering to a technologically proficient audience with a strong desire for novelty and advancement.

The COVID-19 epidemic has highlighted the significant positive effects of visual communication, mainly through technological means. According to Darwish (2017), individuals turned to visual elements, such as memes, in order to establish connections and find solace within a society that lacked social cohesion. These visual components served as powerful tools for conveying messages related to health, solidarity, and resilience. According to Hopkyns (2023), memes were widely circulated on various social media platforms as a means of effectively communicating essential health and safety protocols in an engaging and accessible manner. Communities employed visual communication to convey support and empathy, developing themes centered around solidarity. This fostered a sense of connectedness, even in the absence of physical proximity. In the face of challenging circumstances, the visual components of UAE pop culture exhibit resilience, showcasing the ability of the culture to respond creatively to global crises.

The study by Khalfan (2017) significantly enhances our comprehension of how individuals of different genders in the United Arab Emirates interpret and emphasize visual communication within the context of popular culture. The study's inclusion of an equal number of participants from both genders is of utmost importance, as it provides valuable insights into how individuals of different genders engage with and interpret visual stimuli. The research revealed notable disparities in the emphasis on several aspects of visual communication by males and females. The findings of this study indicate that female participants, specifically respondents 1, 3, 5, and 7, place significant importance on certain visual elements, including logos, Arabic calligraphy, henna, and flags, as symbolic representations of their cultural identity. The trend underlines historical and aesthetic components, suggesting a substantial connection to heritage (Mohamed, 2015). In contrast, it is noteworthy that male participants, specifically respondents 2, 4, 6, and 8, exhibit a preference for the existing design, as seen by their emphasis on diverse visual elements of popular culture (Decker, 2009). The discrepancy mentioned above underscores the divergence in gender-based preferences and interests, underscoring the imperative nature of tailored communication strategies.

A study focusing on gender-based analysis reveals diverse perspectives in evaluating the advantageous impacts of memes. According to Khalfan (2017), there is a tendency for males to exhibit a higher level of care towards community and shared experiences, which potentially amplifies the social and cultural aspects of memes. In contrast, Dash et al. (2023) and Shwede et al. (2023b) found that women reported experiencing favorable outcomes, including heightened exposure, humor, and interdisciplinary teamwork. These findings strongly emphasize the entertainment and collaborative aspects among female participants. The disparity in gendered perceptions provides valuable insights into the many functions of memes in individuals' lives, assisting digital marketers and content creators in tailoring messages with information that align with the distinct prospects of both genders.

In order to effectively engage diverse audiences, it is imperative to incorporate gender-specific perspectives into communication strategies. Comprehending the distinct emphases, interests, and concerns exhibited by individuals of different genders facilitates

the development of visually inclusive and culturally sensitive content. According to Darwish (2017), utilizing customized communication strategies that acknowledge and enhance these diversities plays a crucial role in establishing a genuine and captivating visual communication milieu within the realm of UAE popular culture. The argument serves to illuminate the intricate nature of visual communication within the realm of popular culture in the United Arab Emirates, emphasizing its dynamic nature and the various factors that shape it. The study establishes the foundation for further inquiry and underscores the significance of culturally sensitive visual communication techniques in the United Arab Emirates (UAE).

Acknowledging Research Limitations

Although extensive measures were taken to assure the robustness and credibility of our inquiry, it is imperative to acknowledge some constraints, such as the presence of sample bias, that necessitate attention. Purposive sampling introduces a potential bias due to selecting participants based on their expertise in visual communication and familiarity with pop culture. This constraint was addressed by conducting a comprehensive review of relevant literature and seeking input from a diverse group of persons (Yu, 2020). Moreover, due to its reliance on the perceptions and experiences of humans, qualitative research inherently possesses a subjective nature. Utilizing theme analysis, characterized by its demanding methodology, was implemented to enhance the reliability and credibility of our research outcomes.

The research may also have limited time because the cultural trends and dynamics of visual communication are subject to constant evolution, and the findings of this study may solely reflect a singular moment in time. According to Fathelrahman & Basarir (2018), the implementation of regular follow-up studies or longitudinal methodologies could enhance our understanding of how these dynamics evolve over time. Although the study employed semi-structured interviews and conducted theme analysis, the inclusion of additional methodological approaches would have enhanced the research design, thereby addressing a potential limitation. The integration of various qualitative approaches, such as focus groups or visual content analysis, has the potential to provide complementary perspectives and enhance the comprehensiveness of research findings (Lyon et al., 2016; Shwedeh et al., 2023a). In relation to the research's constrained examination of adverse consequences, the study primarily concentrated on the favorable aspects of visual communication within popular culture, particularly within the domain of memes. A comprehensive analysis of potential adverse ramifications, such as cultural appropriation or unintended outcomes stemming from specific aesthetic elements, could provide a more equitable comprehension of the underlying mechanisms.

Recommendations

The results of the study suggest the development of various recommendations focused on improving the responsible and effective use of visual communication in the context of popular culture in the United Arab Emirates (UAE). It is crucial to take proactive measures to address concerns regarding possible misunderstandings and moral breaches in visual communication. According to Snaevarr (2008) Saada (2022), there is a need to implement cultural sensitivity training with a specific emphasis on individuals involved in content creation and communication. This training program aims to enhance participants' comprehension of cultural nuances, fostering a more conscientious and respectful attitude toward creating and disseminating visual elements.

It is highly advisable to arrange training programs and workshops the aim of acquainting content producers with emerging technologies, particularly augmented reality (AR) and virtual reality (VR), to expand the possibilities within visual communication. As

highlighted by Darwish (2017), such courses act as a catalyst for designers to delve into innovative visual communication techniques, thereby pushing beyond the conventional boundaries of visual communication. The contribution of content creators to developing popular culture in the United Arab Emirates (UAE) can be facilitated by their adoption and integration of various technologies. This approach enables the UAE to remain at the forefront of technological advancements while preserving its cultural distinctiveness.

The imperative for continuous investigation is underscored by acknowledging the dynamic characteristics of popular culture, particularly within the United Arab Emirates. Regular study of visual communication is essential for understanding its evolving dynamics and impact on cultural narratives. According to Fathelrahman & Basarir (2018), this ongoing investigation will provide valuable insights into emerging patterns, enabling stakeholders to adapt their strategies and approaches to construct content effectively. Remaining up-to-date with audience preferences is crucial to maintaining the relevance, engagement, and representation of visual communication within the dynamic cultural context.

The influence of educational institutions on the future of visual communication in the United Arab Emirates (UAE) can be substantial. The integration of visual literacy modules inside academic courses has the potential to enhance students' comprehension of the cultural significance embedded within visual elements. Educational initiatives significantly enhance the audience's knowledge and discernment by permitting students to engage critically with visual communication (Decker, 2009; Dahu et al., 2022; Shwede, 2021). This particular pattern, in turn, ensures that the succeeding generation actively constructs and comprehends visual narratives within the popular culture of the United Arab Emirates.

Ultimately, the qualitative research design employed in this study, the inductive and exploratory approach, has been highly valuable in generating details into the interplay between visual communication and popular culture. However, there is potential for enhancing the methodology by incorporating mixed-methods approaches. Using mixed techniques facilitates the practice of triangulation, a method that involves comparing and contrasting findings derived from many data sources, as Yu (2020) emphasized. The utilization of this approach enhances the veracity and dependability of the study by establishing a correlation between qualitative observations and quantitative patterns. Triangulation facilitates a comprehensive and resilient evaluation of the intricate connections between visual communication and popular culture.

References

- Abdallah, S., Al Azzam, B., El Nokiti, A., Salloum, S., Aljasmi, S., Aburayya, A., & Shwede, F. (2022). A COVID19 Quality Prediction Model based on IBM Watson Machine Learning and Artificial Intelligence Experiment. *Computer Integrated Manufacturing Systems*, 28(11), 499-518.
- Alkashami, M., Taamneh, A., Khadragy, S., Shwede, F., Aburayya, A., & Salloum, S. (2023). AI different approaches and ANFIS data mining: A novel approach to predicting early employment readiness in middle eastern nations. *International Journal of Data and Network Science*, 7(3), 1267-1282.
- Alsharekh, A., & Springborg, R. (Eds.). (2012). *Popular culture and political identity in the Arab Gulf states* (Vol. 6). Saqi.
- Bryan, C., & von Suchodoletz, A. (2023). Teachers' Resilience and Burnout in the United Arab Emirates: Teaching Through the COVID-19 Pandemic. *Gulf Education and Social Policy Review (GESPR)*, 23-56. <https://knepublishing.com/index.php/gespr/article/view/13805>
- Dahu, B. M. ., Aburayya, A. ., Shameem, B. ., Shwede, F., Alawadhi, M., Aljasmi , S. ., Salloum, S. A. ., Aburayya, H. . and Aburayya, I. . (2022) "The Impact of COVID-19 Lockdowns on

- Air Quality: A Systematic Review Study”, *South Eastern European Journal of Public Health (SEEJPH)*. doi: 10.11576/seejph-5929.
- Darwish, E. B. (2017). The effectiveness of the use of social media in government communication in the UAE. *Journal of Arab & Muslim Media Research*, 10(1), 41–63. https://intellectdiscover.com/content/journals/10.1386/jammr.10.1.41_1
- Dash, N. R., Barqawi, H. J., Obaideen, A. A., Al Chame, H. Q., Samara, K. A., Qadri, R., & Eldesouki, S. (2023). COVID-19 Breakthrough Infection Among Vaccinated Population in the United Arab Emirates. *Journal of Epidemiology and Global Health*, 13(1), 67-90. <https://doi.org/10.1007/s44197-023-00090-8>
- Decker, K. S. (2009). Teaching Autonomy and Emergence through Pop Culture: Kant, Dewey, and Captain Picard. *Teaching Philosophy*, 32(4), 331-343. <https://doi.org/10.5840/teachphil200932437>
- Dubey, U. K. B., & Kothari, D. P. (2022). *Research methodology: Techniques and trends*. CRC Press.
- Fathelrahman, E., & Basarir, A. (2018). Use of social media to enhance consumers' options for food quality in the United Arab Emirates (UAE). *Urban Science*, 2(3), 70. <https://doi.org/10.3390/urbansci2030070>
- Hopkyns, S. (2023). Toward culturally and linguistically responsive E-learning in post-COVID-19 higher education: Perspectives from the United Arab Emirates. *Gulf Education and Social Policy Review (GESPR)*, pp. 139–163. <https://doi.org/10.18502/gespr.v3i2.12608>
- Karimova, G. (2020). Exploring Visual Framing Strategies, Sentiment, and Product Presentation Modality in Instagram Posts of Fashion Influencers. *Res Rhetorica*, 7(1), 86–106. <https://doi.org/10.29107/rr2020.1.6>
- Khalfan, D. W. (2017). *The Direction of Change in Emirati Identity: A Popular Culture Study*. Available at SSRN 4237225. <https://doi.org/10.2139/ssrn.4237225>
- Khudhair, H. Y., Jusoh, A., Mardani, A., & Nor, K. M. (2019). A conceptual model of customer satisfaction: Moderating effects of price sensitivity and quality seekers in the airline industry. *Contemporary Economics*, 13(3), 283.
- Khudhair, H. Y., Jusoh, A., Mardani, A., & Nor, K. M. (2019). Quality seekers as moderating effects between service quality and customer satisfaction in airline industry. *International Review of Management and Marketing*, 9(4), 74.
- Lyon, F., Møllering, G., & Saunders, M. N. (Eds.). (2015). *Handbook of research methods on trust*. Edward Elgar Publishing.
- Mohamed, H. S. (2015). The use of social media among public relations students in the UAE. *International Journal of Customer Relationship Marketing and Management (IJCRMM)*, 6(2), 15–30. <https://doi.org/10.4018/ijcrmm.2015040102>
- Ravikumar, R., Kitana, A., Taamneh, A., Aburayya, A., Shwede, F., Salloum, S., & Shaalan, K. (2023). The Impact of Big Data Quality Analytics on Knowledge Management in Healthcare Institutions: Lessons Learned from Big Data's Application within The Healthcare Sector. *South Eastern European Journal of Public Health*.
- Saada Khadragy, Mohamed Elshaeer, Talal Mouzaek, Demme Shammass, Fanar Shwede, Ahmad Aburayya, Ammar Jasri, & Shaima Aljasmi. (2022). Predicting Diabetes in United Arab Emirates Healthcare: Artificial Intelligence and Data Mining Case Study. *South Eastern European Journal of Public Health*. <https://doi.org/10.56801/seejph.vi.406>
- Saeed, M., & Yas, H. (2023). Impact of concrete waste management by using life cycle assessment. *Journal of Future Sustainability*, 3(4), 267-276.
- Saeed, M., & Yas, H. (2023). Project Waste Management and Recycling Reduce Project Material Expenses. *Migration Letters*, 20(S5), 1249-1266.
- Saunders, M. N., Lewis, P., & Thornhill, A. (2023). *Saunders Research Methods*. Pearson Higher Ed.

- Shwede, F. (2024). Harnessing digital issue in adopting metaverse technology in higher education institutions: Evidence from the United Arab Emirates. *International Journal of Data and Network Science*, 8(1), 489-504.
- SHWEDEH, F. F. (2021). THE IMPACT OF SMART CITY POLICY TIMELINESS AND TECHNOLOGY READINESS ON SMART CITY PERFORMANCE IN DUBAI: THE MODERATING EFFECT OF FINANCIAL AVAILABILITY.
- Shwede, F., Adelaja, A. A., Ogbolu, G., Kitana, A., Taamneh, A., Aburayya, A., & Salloum, S. A. (2023b). Entrepreneurial innovation among international students in the UAE: Differential role of entrepreneurial education using SEM analysis. *International Journal of Innovative Research and Scientific Studies*, 6(2), 266-280.
- Shwede, F., Hami, N., & Baker, S. Z. A. (2020). Effect of leadership style on policy timeliness and performance of smart city in Dubai: a review. In *Proceedings of the International Conference on Industrial Engineering and Operations Management* (pp. 917-922).
- Shwede, F., Malaka, S., & Rwashdeh, B. (2023a). The Moderation Effect of Artificial Intelligent Hackers on the Relationship between Cyber Security Conducts and the Sustainability of Software Protection: A Comprehensive Review. *Migration Letters*, 20(S9), 1066-1072.
- Snaevarr, S. (2008). Philosophy and the interpretation of pop culture. *Reviewed Work: Philosophy and the Interpretation of Pop Culture by William Irwin, Jorge J. E. Gracia* *The Journal of Aesthetic Education* Vol. 42, No. 4 (Winter, 2008), pp. 111-115., University of Illinois Press <https://www.jstor.org/stable/25160307>
- Wiest, J. B., & Eltantawy, N. (2012). Social media use among UAE college students one year after the Arab Spring. *Journal of Arab & Muslim Media Research*, 5(3), 209-226. https://doi.org/10.1386/jammr.5.3.209_1
- Yas, H., Alkaabi, A., ALBaloushi, N. A., Al Adeedi, A., & Streimikiene, D. (2023). The impact of strategic leadership practices and knowledge sharing on employee's performance. *Polish Journal of Management Studies*, 27.
- Yas, H., Alnazawi, A. A., Alanazi, M. A., Alharbi, S. S., & Alghamdi, A. (2022). The Impact Of The Coronavirus Pandemic On Education In The Gulf Region. *Journal of Positive School Psychology*, 6(9), 2373-2382.
- Yas, H., Mardani, A., Albayati, Y. K., Lootah, S. E., & Streimikiene, D. (2020). The positive role of the tourism industry for Dubai city in the United Arab Emirates. *Contemporary Economics*, 14(4), 601.
- Yu, F. L. T. (2020). *Subjectivism and interpretative methodology in theory and practice*. Anthem Press.