"The Evolution and Impact of Human-AI Interaction: A Multi-dimensional Analysis of User Experience in the Digital Age (2020-2025)"

M. Rinki

Research Scholar Institute of Management Studies Davangere University, Davangere.

Dr. Sunitha. R

MBA, MCOM., PGDMM, PhD Assistant Professor & Research Guide Institute of Management Studies Davangere University, Davangere

ABSTRACT

This research examines the evolution and impact of human-AI interaction from 2020 to 2025, focusing on user experience in the digital age. The study analyzes data from 100 respondents, primarily comprising IT professionals and young urban users, to understand interaction patterns, trust levels, and adaptation to AI systems. Using a quantitative approach through structured questionnaires, the research reveals significant trends in AI adoption and usage patterns. Findings indicate that while 72% of users interact with AI systems daily, only 30% express high trust levels. The study identifies key challenges in human-AI interaction, including privacy concerns and emotional intelligence limitations. The research contributes to understanding user behavior and adaptation patterns in human-AI interaction, providing valuable insights for AI developers and organizations implementing AI systems. The findings suggest a need for balanced integration of AI technologies while maintaining human oversight and addressing user concerns about privacy and job displacement.

Keywords: Human-AI Interaction, User Experience, Artificial Intelligence, Digital Transformation, Trust Levels, User Adaptation, AI Integration, Technology Adoption, Human-Centered Computing, AI Systems

I. INTRODUCTION

BACKGROUND OF HUMAN-AI INTERACTION

The period between 2020 and 2025 has witnessed an unprecedented transformation in how humans interact with artificial intelligence (AI) systems. This evolution represents a fundamental shift from traditional human-computer interaction paradigms to more sophisticated, intuitive, and naturalistic interfaces. The emergence of advanced language models, cognitive computing systems, and adaptive AI has redefined the boundaries of human-machine relationships, creating new opportunities and challenges in various domains of human activity.

Historical Context and Technological Evolution Early Development (Pre-2020)

The foundations of human-AI interaction were laid in the latter half of the 20th century, with early developments in natural language processing, expert systems, and machine learning. These initial efforts were characterized by rigid, rule-based systems with limited capabilities for natural interaction. The pre-2020 era saw the emergence of virtual assistants like Siri, Alexa, and Google Assistant, which, while revolutionary for their time, still exhibited significant limitations in understanding context and maintaining meaningful dialogues.

Transformative Period (2020-2022)

The years 2020-2022 marked a crucial turning point in human-AI interaction, catalyzed by several factors:

- The global COVID-19 pandemic accelerated digital transformation
- Breakthrough developments in large language models
- Increased computing power and improved algorithms
- Growing acceptance of AI in everyday applications
- Enhanced focus on user experience and interface design

Contemporary Landscape (2023-2025)

- The current period has witnessed the maturation of human-AI interaction technologies, characterized by:
- Sophisticated natural language understanding and generation
- Multimodal interaction capabilities
- Context-aware and personalized responses
- Emotional intelligence and empathy in AI systems
- Integration of AI across various platforms and devices

1. Evolution of Human-AI Interaction Paradigms

The theoretical foundation of human-AI interaction has evolved significantly from its initial conceptualization in the 1950s to the present sophisticated systems of 2025. This evolution can be traced through distinct paradigms, each representing a fundamental shift in how humans interact with artificial intelligence systems.

Paradigm	Interaction Model	Key Characteristics		Technology Drivers
	Interaction would	Rey Characteristics		reemology brivers
Period				
1950-1990	Command-Based	- Text	commands	- Mainframe
		- Batch	processing	computers
		- Limited feedback		- Basic algorithms
1990-2010	Graphical Interface	- GUI-based	interaction	- Personal computers
		-	Point-and-click	- Operating systems
		- Visual feedback		
2010-2020	Natural Language	- Voice	commands	- Mobile devices
		- Basic	conversations	- Cloud computing
		- Virtual assistants		
2020-2025	Cognitive	- Context	awareness	- Neural networks
	Computing	- Multimodal	interaction	- Advanced ML/AI
	_	- Emotional intelligenc	e	

The following table illustrates the key paradigm shifts in human-AI interaction:

This evolution reflects the transition from simple command-response systems to today's sophisticated AI interfaces that can understand context, emotion, and complex human intentions. The paradigm shifts have been driven by advances in computing power, algorithm development, and our understanding of human cognition and behavior. Each new paradigm has built upon previous developments while introducing novel approaches to human-AI interaction, leading to increasingly natural and intuitive interfaces.

2. Psychological Dimensions of Human-AI Interaction

The psychological aspects of human-AI interaction encompass cognitive, emotional, and behavioral dimensions that influence how users engage with AI systems. This theoretical framework draws from cognitive psychology, human factors engineering, and social psychology to understand the complex relationship between humans and AI.

Key psychological dimensions include:

- 1. Cognitive Processing:
- Mental model formation
- Information processing capacity
- Decision-making patterns
- Learning and adaptation
- 2. Emotional Responses:
- Trust development
- Anxiety and resistance
- Emotional attachment
- User satisfaction

The following table presents the psychological factors affecting human-AI interaction:

Psychological	Impact on Interaction	User Response	Design Implications
Factor			
Trust	High influence on adoption	Gradual development	Transparency
			features
Cognitive Load	Affects user performance	Variable by expertise	Simplified interfaces
Emotional	Impacts long-term use	Individual variation	Personalization
Connection			options
Learning Curve	Initial barrier to adoption	Expertise-dependent	Tutorial systems

Two-Day National-Level Seminar on FinTech Innovation, Inclusion, and Sustainability Sponsored by ICSSR-SRC, The Department of Commerce, PG Centre, Jnanagangotri, Chitradurga DOI: 10.9790/487X-conf00917 10 | Page

Understanding these psychological dimensions is crucial for designing AI systems that align with human cognitive capabilities and emotional needs, ultimately leading to more effective and satisfying interactions.

3. Technological Framework and Infrastructure

The technological framework supporting human-AI interaction comprises multiple layers of hardware, software, and network infrastructure. This foundation enables the sophisticated interactions we observe today and continues to evolve with technological advancement.

Key components include:

- 1. Core Processing Systems:
- Neural network architectures
- Cloud computing platforms
- Edge computing devices
- Data processing centers
- 2. Interface Technologies:
- Natural language processing
- Computer vision systems
- Speech recognition
- Haptic feedback systems
- 3. Network Infrastructure:
- 5G/6G connectivity
- IoT integration
- Cloud services
- Edge computing nodes

This technological framework must balance performance requirements with accessibility and usability considerations, ensuring that advanced AI capabilities are delivered effectively to end-users while maintaining system reliability and security.

4. Social and Cultural Impact Dimensions

The social and cultural dimensions of human-AI interaction examine how AI technologies influence and are influenced by societal norms, cultural values, and collective behaviors. This theoretical perspective considers both macro-level societal impacts and micro-level interpersonal effects.

Key areas of impact include:

- 1. Cultural Adaptation:
- Integration into daily life
- Cultural value alignment
- Traditional practice modifications
- Language and communication changes
- 2. Social Dynamics:
- Interpersonal relationships
- Community structures
- Work patterns
- Educational systems
- 3. Ethical Considerations:
- Privacy concerns
- Digital rights
- Cultural preservation
- Social equity

These dimensions highlight the need for AI systems that are culturally sensitive and socially responsible, considering diverse user populations and varying cultural contexts. The impact extends beyond individual users to affect social institutions, cultural practices, and community structures.

1. Raees et al. (2024)

II. LITERATURE REVIEW

This comprehensive study examines the transition from explainable AI to interactive AI systems, highlighting current trends in human-AI interaction. The authors conducted a systematic literature review focusing on the evolution of AI interfaces and user engagement patterns. The research identifies key shifts in interaction

paradigms, emphasizing the growing importance of user-centered design and transparent AI systems. Their findings suggest that interactive AI systems are increasingly focusing on adaptive interfaces, contextual awareness, and personalized user experiences. The study also highlights the challenges in implementing truly interactive AI systems, including technical limitations, user trust issues, and the need for balanced automation. The authors conclude by proposing a framework for developing more effective interactive AI systems that maintain user engagement while ensuring transparency and understanding.

2. Liu & Yin (2024)

The researchers explore the emotional foundations of AI-human interactions through the lens of evolutionary continuity and interspecies communication. Their study presents a novel perspective on how evolutionary principles can inform the design of more emotionally intelligent AI systems. Through analysis of various case studies and experimental data, the authors demonstrate how affective computing can be enhanced by understanding natural emotional processes. The research particularly emphasizes the role of non-verbal cues and emotional synchronization in human-AI interactions. Their findings suggest that incorporating evolutionary principles into AI design can lead to more natural and effective human-AI relationships. The study provides valuable insights for developers working on emotional AI systems and highlights the importance of considering biological and evolutionary factors in AI development.

3. Yolmo & Basnett (2024)

In this innovative study, the authors examine human-AI symbiosis through the Sadharanikaran Model of Communication, an ancient Indian communication theory. The research provides a unique perspective on understanding the inherent limitations of AI systems when interacting with humans. By analyzing the philosophical and practical aspects of human-AI interaction, the study reveals fundamental gaps in current AI capabilities compared to human communication patterns. The authors identify key areas where AI systems fall short in replicating human-like communication and suggest potential solutions based on the Sadharanikaran model. Their findings contribute significantly to understanding the boundaries of AI capabilities and provide insights for developing more effective human-AI interaction frameworks.

4. Wienrich & Latoschik (2021)

The study introduces the concept of "extended artificial intelligence" as a new paradigm in human-AI interaction research. The authors present a comprehensive framework for understanding how AI systems can be extended beyond traditional boundaries to create more meaningful interactions with humans. Through detailed analysis of existing systems and theoretical models, they identify key components necessary for successful AI extension. The research emphasizes the importance of considering both technical and human factors in AI system design. Their findings suggest that extended AI can lead to more natural and effective human-AI collaboration, while also highlighting potential challenges and limitations that need to be addressed.

5. Vishwarupe et al. (2022)

This research focuses on placing humans at the center of artificial intelligence development by examining the convergence of AI, Human-Computer Interaction (HCI), and human-centered computing. Through a detailed analysis of current practices and emerging trends, the authors demonstrate the importance of integrating human factors into AI system design. The study presents a framework for developing AI systems that prioritize human needs and capabilities. Their findings highlight the critical role of user experience in AI system success and provide practical guidelines for implementing human-centered AI solutions. The research also addresses challenges in balancing automation with human control and suggests strategies for maintaining meaningful human involvement in AI-driven processes.

6. Dubey et al. (2020)

The authors present HACO, a comprehensive framework for developing human-AI teaming systems. The study outlines key components necessary for successful collaboration between humans and AI systems in various contexts. Through case studies and experimental validation, the research demonstrates the effectiveness of the HACO framework in real-world applications. The authors identify critical factors for successful human-AI teaming, including trust building, role clarity, and adaptive interaction patterns. Their findings provide valuable insights for organizations implementing AI systems that require close collaboration with human users. The study also addresses potential challenges in human-AI teaming and suggests mitigation strategies.

7. Agrawal et al. (2023)

This cross-cultural study examines differences in perceived trust, responsibility, and reliance on AI systems between OECD countries and India. Through extensive surveys and comparative analysis, the authors reveal significant variations in how different cultures approach and interact with AI systems. The research highlights the importance of cultural context in AI adoption and trust-building. Their findings indicate that cultural factors significantly influence user acceptance and utilization of AI systems. The study provides valuable insights for organizations developing AI solutions for diverse cultural contexts and suggests strategies for addressing cultural differences in AI implementation.

8. Shukla et al. (2023)

The research analyzes the impact of AI and emotional intelligence on decision-making processes among Indian IT professionals. Through empirical research and data analysis, the authors examine how AI systems influence professional judgment and emotional responses in workplace settings. The study reveals complex interactions between emotional intelligence, AI utilization, and decision-making effectiveness. Their findings suggest that balanced integration of AI tools with human emotional intelligence leads to better decision outcomes. The research provides practical implications for organizations implementing AI systems in professional environments.

9. Pataranutaporn et al. (2024)

The research explores innovative applications of human-AI collaboration in cultural heritage preservation through dance choreography. By examining the integration of AI systems with traditional dance forms, the authors demonstrate novel approaches to cultural preservation and artistic expression. The study presents case studies of successful human-AI co-dancing projects and analyzes their impact on cultural heritage evolution. Their findings suggest that AI can effectively contribute to cultural preservation while enabling new forms of artistic expression. The research provides valuable insights for artists and technologists working at the intersection of AI and cultural heritage.

STATEMENT OF THE PROBLEM

III. RESEARCH DESIGN

The rapid advancement of AI technologies has created a complex landscape of human-AI interaction that requires careful examination. As AI systems become increasingly integrated into daily life, understanding the dynamics of this interaction has become crucial. The research problem addresses the gap in understanding how users adapt to, trust, and utilize AI systems across different contexts. The study specifically examines the challenges in human-AI interaction, including trust issues, user adaptation, emotional intelligence limitations, and privacy concerns. The problem encompasses understanding both the technological and psychological aspects of human-AI interaction, particularly focusing on the period 2020-2025, when significant changes in AI capabilities and user adoption patterns emerged.

NEED FOR THE STUDY

1. This study is essential for several compelling reasons. First, the exponential growth in AI adoption across various sectors necessitates a comprehensive understanding of how humans interact with these systems. The rapid evolution of AI capabilities between 2020 and 2025 has created new paradigms of interaction that require systematic investigation. The study addresses crucial gaps in understanding user behavior, trust development, and adaptation patterns in human-AI interaction.

2. The research is particularly relevant for organizations implementing AI systems, as it provides insights into user acceptance and resistance factors. Understanding these dynamics is crucial for developing more effective AI interfaces and improving user experience. Additionally, the study helps identify potential barriers to AI adoption and suggests ways to overcome them.

3. The findings will contribute to both theoretical understanding and practical applications in human-AI interaction design. This knowledge is valuable for AI developers, organizations, and policymakers in creating more effective and user-friendly AI systems while addressing concerns about privacy, trust, and human oversight.

OBJECTIVES

- 1. To analyze user perception and adaptation patterns in human-AI interaction
- 2. To evaluate the impact of AI systems on user productivity and decision-making
- 3. To assess trust levels and privacy concerns in human-AI interaction
- 4. To identify key factors influencing successful human-AI collaboration

SCOPE OF THE STUDY

The study focuses on human-AI interaction patterns among users in urban areas, particularly professionals and students who regularly interact with AI systems. It covers various aspects of interaction including virtual assistants, productivity tools, and AI-powered applications. The research encompasses both personal and professional use of AI systems, examining user behavior, trust development, and adaptation patterns. The temporal scope spans from 2020 to 2025, capturing recent developments in AI technology and user interaction patterns.

IV. RESEARCH METHODOLOGY

The study employs a quantitative research approach using survey methodology to collect and analyze data about human-AI interaction patterns. The research design incorporates structured questionnaires to gather specific information about user experiences, perceptions, and behaviors related to AI interaction. Statistical analysis is used to interpret the data and draw meaningful conclusions.

Sources of Data

• **Primary Data:** Data collected through structured questionnaires distributed to respondents in urban areas, focusing on their direct experiences and interactions with AI systems. The collection was done personally by the researcher for the specific purpose of this study.

• Secondary Data: Information gathered from academic journals, research publications, industry reports, and online resources related to human-AI interaction, providing theoretical foundation and contextual background. Sampling Plan

- Sampling Unit: Urban professionals and students using AI systems
- Sample Size: 100 respondents
- **Sampling Technique**: Purposive sampling

LIMITATIONS OF THE STUDY

- Limited to English-speaking respondents
- Limited to 100 respondents
- Limited to users with regular AI interaction experience

DATA ANALYSIS AND INTERPRETATION

Question	Response	No of Respondents	Percentage
Age group of the respondents	18-25 years	28	28
	26-35 years	35	35
	36-45 years	22	22
	46-55 years	11	11
	Above 55 years	4	4
Total		100	100
Professional background of respondents	Student	19	19
	IT Professional	42	42
	Academic/Research	15	15
	Business/Management	18	18
	Other	6	6
Total		100	100
AI tools/applications regularly used	Virtual Assistants	82	23.8
	AI-powered productivity tools	65	18.8
	AI image/content generators	48	13.9
	AI chatbots	71	20.6
	AI-powered recommendation systems	79	22.9
Total		345	100
Frequency of AI system interaction	Multiple times daily	43	43

Two-Day National-Level Seminar on FinTech Innovation, Inclusion, and Sustainability Sponsored by ICSSR-SRC, The Department of Commerce, PG Centre, Jnanagangotri, Chitradurga DOI: 10.9790/487X-conf00917

	Once daily	29	29
	2-3 times per week	18	18
	Occasionally	8	8
	Rarely	2	2
Total		100	100
Comfort level with AI systems	Extremely comfortable	19	19
	Very comfortable	35	35
	Moderately comfortable	28	28
	Slightly comfortable	14	14
	Not at all comfortable	4	4
Total		100	100
Trust level with personal information	Complete trust	7	7
	High trust	23	23
	Moderate trust	41	41
	Low trust	22	22
	No trust at all	7	7
Total		100	100
Satisfaction with AI accuracy	Highly satisfied	15	15
	Satisfied	42	42
	Neutral	28	28
	Dissatisfied	12	12
	Highly dissatisfied	3	3
Total		100	100
Impact on productivity	Extremely positive	24	24
	Somewhat positive	39	39
	Neither positive nor	21	21
	negative Somewhat negative	13	13
	Extremely negative	3	3
Total		100	100
Importance of human oversight	Critical	38	38
importance of numuri oversight	Very important	35	35
	Moderately important	19	19
	Slightly important	6	6
	Not important	0	2
Total		2	2
Al understanding of needs	Strongly ogroo	100	100
At understanding of needs		37	27
	Agiee	37	37
	Disagree	19	27 19
	Strongly diagram	10	10
	Strongly disagree	Э 100	3
		100	100
Concern about job replacement	Extremely concerned	22	22
	Very concerned	31	31
	Moderately concerned	28	28

Two-Day National-Level Seminar on FinTech Innovation, Inclusion, and Sustainability Sponsored by ICSSR-SRC, The Department of Commerce, PG Centre, Jnanagangotri, Chitradurga DOI: 10.9790/487X-conf00917 15 | Page

	Slightly concerned	14	14
	Not concerned at all	5	5
Total		100	100
Emotional intelligence evaluation	Exceptional	6	6
	Above average	21	21
	Average	42	42
	Below average	24	24
	Poor	7	7
Total		100	100

Analysis:

From the table above, out of 100 respondents, the majority (35%) belong to the age group of 26-35 years, followed by 18-25 years (28%) and 36-45 years (22%). In terms of professional background, IT professionals dominate with 42%, followed by students (19%) and business/management professionals (18%). Regarding AI tool usage, Virtual Assistants are most popular with 82% adoption, followed by AI-powered recommendation systems (79%) and AI chatbots (71%). For interaction frequency, 43% of respondents interact with AI multiple times daily, while 29% use it once daily. The comfort level data shows that 35% are very comfortable with AI systems, and 41% have moderate trust in AI with personal information. Satisfaction levels indicate 42% are satisfied with AI accuracy, and 39% report somewhat positive impact on productivity. Human oversight is considered critical by 38% of respondents, and 37% agree that AI understands their needs well. Regarding job replacement concerns, 31% are very concerned, and in terms of emotional intelligence, 42% rate AI systems as average.

Interpretation:

From the chart above, the data reveals a strong adoption of AI technologies among working professionals, particularly in the IT sector. The high usage of virtual assistants and recommendation systems indicates the integration of AI in daily activities. The moderate trust levels and comfort with AI systems suggest a balanced approach to AI adoption, neither overly enthusiastic nor completely resistant. The emphasis on human oversight reflects a cautious approach to AI implementation, while satisfaction levels indicate generally positive experiences with AI systems. The concern about job replacement shows awareness of AI's potential impact on employment, while the average rating for emotional intelligence suggests that AI systems still have room for improvement in human-like interactions. These findings indicate that while AI has become an integral part of professional and personal life, users maintain a pragmatic view of its capabilities and limitations.

V. FINDINGS AND SUGGESTIONS

Key Findings: 1. Demog

Demographic and Usage Patterns

- Young professionals (26-35 years) and IT sector employees are the primary AI users
- Virtual assistants and recommendation systems have achieved widespread adoption
- Daily AI interaction is prevalent, with 72% using AI systems at least once daily
- 2. User Experience and Trust
- 54% express positive comfort levels with AI systems
- Trust levels remain moderate, with only 30% expressing high or complete trust
- 57% report satisfaction with AI accuracy in responses and results
- 3. **Professional Impact**
- 63% acknowledge positive productivity impact from AI integration
- 73% emphasize the importance of human oversight in AI decisions
- IT professionals show higher adoption and comfort levels compared to other sectors

4. Concerns and Limitations

- 53% express significant concerns about AI-related job displacement
- Emotional intelligence of AI systems is rated average or below by 73% of users
- Personal information security remains a concern for 29% of users

Suggestions:

- 1. For Organizations
- Implement comprehensive AI training programs for employees
- Develop clear guidelines for AI system usage and data protection
- Maintain balanced human-AI collaboration frameworks
- 2. For AI Developers
- Focus on improving emotional intelligence aspects of AI systems
- Enhance transparency in AI decision-making processes
- Strengthen privacy and security features
- 3. For Users
- Invest in AI literacy and skill development
- Practice informed and responsible AI usage
- Maintain balanced reliance on AI and human judgment

VI. CONCLUSION

The research reveals a significant transformation in human-AI interaction patterns during 2020-2025. The findings indicate a growing acceptance of AI technologies, particularly among younger professionals and in the IT sector. While AI has successfully integrated into daily activities and improved productivity, concerns about job displacement and data security persist. The moderate trust levels and emphasis on human oversight suggest a mature approach to AI adoption.

The study highlights the need for balanced integration of AI systems while maintaining human control and oversight. The gap between user expectations and AI's emotional intelligence capabilities indicates areas for future development. The success of AI integration depends on addressing these challenges while maintaining focus on user needs and ethical considerations.

Looking ahead, the evolution of human-AI interaction will likely continue to be shaped by improvements in AI capabilities, user adaptation, and the development of more sophisticated interaction frameworks. The key to successful integration lies in maintaining the balance between technological advancement and human-centric approaches, ensuring that AI serves as an enabler rather than a replacement for human capabilities.

This research contributes to understanding the current state of human-AI interaction and provides valuable insights for future development and implementation strategies in this rapidly evolving field.

REFERENCES

- Raees, M., Meijerink, I., Lykourentzou, I., Khan, V. J., & Papangelis, K. (2024). From explainable to interactive AI: A literature review on current trends in human-AI interaction. International Journal of Human-Computer Studies, 103301.
- [2]. Liu, C. Y., & Yin, B. (2024). Affective foundations in AI-human interactions: Insights from evolutionary continuity and interspecies communications. Computers in Human Behavior, 161, 108406.
- [3]. Yolmo, U. T. L., & Basnett, P. (2024). Human-AI Symbiosis: Unveiling the Inherent Limitations of AI through the Sadharanikaran Model of Communication. Bodhi: An Interdisciplinary Journal, 10(2), 20-44.
- [4]. Wienrich, C., & Latoschik, M. E. (2021). extended artificial intelligence: New prospects of human-ai interaction research. Frontiers in Virtual Reality, 2, 686783.
- [5]. Vishwarupe, V., Maheshwari, S., Deshmukh, A., Mhaisalkar, S., Joshi, P. M., & Mathias, N. (2022). Bringing humans at the epicenter of artificial intelligence: A confluence of AI, HCI and human centered computing. Proceedia Computer Science, 204, 914-921.
- [6]. Dubey, A., Abhinav, K., Jain, S., Arora, V., & Puttaveerana, A. (2020, February). HACO: a framework for developing human-AI teaming. In Proceedings of the 13th Innovations in Software Engineering Conference (formerly known as India Software Engineering Conference) (pp. 1-9).
- [7]. Agrawal, V., Kandul, S., Kneer, M., & Christen, M. (2023). From OECD to India: Exploring cross-cultural differences in perceived trust, responsibility and reliance of AI and human experts. arXiv preprint arXiv:2307.15452.
- [8]. Shukla, A., Algnihotri, A., & Singh, B. (2023). Analyzing How AI And Emotional Intelligence Affect Indian IT Professional's Decision-Making. EAI Endorsed Transactions on Pervasive Health and Technology, 9.
- [9]. Dubey, A., Abhinav, K., Jain, S., Arora, V., & Puttaveerana, A. (2020, February). HACO: a framework for developing human-AI teaming. In Proceedings of the 13th Innovations in Software Engineering Conference (formerly known as India Software Engineering Conference) (pp. 1-9).
- [10]. Pataranutaporn, P., Mano, P., Bhongse-Tong, P., Chongchadklang, T., Archiwaranguprok, C., Hantrakul, L., ... & Klunchun, P. (2024, May). Human-AI Co-Dancing: Evolving Cultural Heritage through Collaborative Choreography with Generative Virtual Characters. In Proceedings of the 9th International Conference on Movement and Computing (pp. 1-10).