

2. Babbel – an app with AI implemented to personalize learning for each user. It offers courses at different levels and has a large database of words and phrases.

3. Lingvist – the app uses AI to identify the user’s weaknesses and suggests exercises to help them improve their skills.

4. Memrise – in this app, AI creates personalized exercises based on the user’s interests. It also offers the opportunity to learn the language through video and audio content.

5. Rosetta Stone – here AI is used to create complete personalized learning programs based on each user’s language proficiency level. The app also offers the opportunity to learn the language through interactive exercises and games.

In general, AI and neuronets are a very useful tool in language learning, as they can help to personalize each user’s learning and offer exercises that fit their needs. In addition, applications using AI can be more interactive and motivating for users. Despite all the advantages of neuronets, they cannot replace teachers. A human is able to take into account the individual characteristics of each student and offer them the best learning approach. Neuronets work on the basis of algorithms and are always able to take into account some nuances.

In general, neuronets are a powerful tool that helps in learning foreign languages. However, so far they cannot replace teachers and their limitations should be taken into account.

LITERATURE

1. <https://www.berlitz.com/blog/artificial-intelligence-ai-language-learning>
2. <https://intellias.com/how-ai-helps-crack-a-new-language>

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CINEMATOGRAPHIC IMAGE OF AI

The subject of this work is the artificial intelligence’s cinematographic image. The use of Artificial Intelligence (AI) in cinema has been a captivating subject for filmmakers and audiences alike. AI is an interdisciplinary field that focuses on creating intelligent machines capable of performing tasks that typically require human intelligence. In the realm of cinema, AI has been portrayed in various forms and has played significant

roles in shaping narratives, exploring human emotions, and raising ethical questions. Here we are going to examine the concept of AI, the period of AI utilization in films, and discuss the prevalence of female AI characters on the silver screen.

Artificial Intelligence refers to the development of intelligent machines or computer programs that can perceive, think, learn, and interact with their environment. In cinema, AI was depicted in different ways, ranging from helpful companions to menacing adversaries. The portrayal of AI in films often reflects society's fascination, hopes, and fears regarding the advancement of technology.

The use of AI in films can be traced back to early science fiction movies, but it gained significant prominence in the late 20th and early 21st centuries. During this period, advancements in technology and computing power allowed filmmakers to explore AI more in detail. Movies like "2001: A Space Odyssey" (1968), "Blade Runner" (1982), and "The Matrix" (1999) became iconic examples that showcased the potential of AI and its impact on humanity.

One intriguing aspect of AI in cinema is the prevalence of female AI characters. Throughout film history, female AI entities were often portrayed as alluring, intelligent, and enigmatic beings. The portrayal of female AI characters in films spans across various genres, including science fiction, superhero, and fantasy. Here are a few notable examples of women AI characters that captivated audiences:

In the Marvel Cinematic Universe, the character Tony Stark (Iron Man) is assisted by two prominent female AI entities: J.A.R.V.I.S. (Just A Rather Very Intelligent System) and F.R.I.D.A.Y. (Female Replacement Intelligent Digital Assistant Youth). J.A.R.V.I.S., voiced by Paul Bettany, serves as Tony Stark's loyal and intelligent companion, managing his technology and aiding him in combat. F.R.I.D.A.Y., voiced by Kerry Condon, takes over as Tony's assistant after J.A.R.V.I.S. evolves into Vision. These female AI characters not only provide crucial support to the superhero but also contribute to the emotional depth of Tony Stark's character development.

In the thought-provoking film "Ex Machina", Alicia Vikander portrays Ava, an AI entity with a female appearance. Created by a reclusive genius, Ava possesses advanced artificial intelligence and interacts with the protagonist, Caleb, in a captivating and enigmatic manner.

The film explores themes of consciousness, emotions, and the ethical implications of creating AI with human-like feelings and emotions. Ava's character challenges the audience's perceptions and raises profound ques-

tions about the nature of humanity and the boundaries between AI and human intelligence.

These examples illustrate the diverse ways in which female AI characters depicted in films range from supportive companions to complex and independent beings. They contribute to the narratives, challenge social norms, and spark discussions about the nature of AI and its place in our lives. The portrayal of women AI characters in cinema continues to evolve, reflecting the changing perceptions and expectations surrounding AI and female appearance.

Several factors contribute to this portrayal. Firstly, it stems from the tradition of personifying machines or giving them human-like qualities. By associating femininity with AI, filmmakers aim to create intriguing characters.

Secondly, the choice of female AI characters may be influenced by the historical portrayal of women in society. Women were often perceived as caregivers, nurturing figures, and emotional support.

By assigning these characteristics to AI characters, filmmakers explore the dynamic between humans and machines, emphasizing the emotional connection and blurring the boundaries between artificial and human intelligence.

Finally the portrayal of female AI characters could also reflect the male-dominated nature of the tech industry. It may serve as a commentary on the underrepresentation of women in STEM fields and highlight the need for more diversity and inclusivity.

The image of AI in cinema evolved over the time, reflecting society's fascination with technology, exploration of human emotions, and ethical concerns connected with AI. From humble beginnings to complex narratives, AI became an integral part of film storytelling.

The prevalence of female AI characters in films can be attributed to the desire of creation compelling and relatable characters, use traditional gender roles, and address issues of representation. As AI continues to advance in reality, its portrayal in cinema will likely evolve, offering new perspectives and insights into the relationship between humans and machines.

LITERATURE

1. <https://www.denofgeek.com/movies/the-19-best-artificially-intelligent-movie-characters-ex-machina-2001-ai>.
2. <https://www.grunge.com/415028/the-evolution-of-ai-in-movies-explained/>.
3. <https://aicontent.wiki/ai-characters-in-movies/>.
4. <https://phys.org/news/2021-04-ai-female-culture-demos.html>.