Minority Report & Outline

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Introduction

Minority report plot
After watching the movie Minority Report, a science fiction movie produced in (2002), it made me realize how fast the technology growing, In Only 20 years, a lot of things were in a movie as fantasy that we do have it now days, and that's the amazing part of technology, it makes our science fiction and fantasies true, thank to Ai, it made the past fantasy , reality in our present.

you might be wondering, what Ai has to do with the movie and what is Ai anyway.

Including to researchers they have pursued several different versions of Ai, some have defined intelligence in terms of fidelity to human performance. Russel,S. (2021) Artificial Intelligence A modern approach. (4th ed)

The ability of machines, such as computers, to simulate human intelligence.

British Journal of Dermatology. J.W, S.L, (2020). What is Ai? Applications of artificial intelligence to dermatology.183,423-430)

(https://onlinelibrary-wiley-com.proxy1.dom1.nhtv.nl/doi/full/10.1111/bjd.18880)

In other words "Artificial Intelligence is the field of computer science that is associated with concept of machines "thinking like humans" to perform tasks such as learning , problem-solving , predicting , planning , reasoning and identifying patters""

Ai topic from the movie
One of the interesting examples of Ai that the movie had, is when Tom Crouse walked into a store and then a 3D projector start talking to people, and telling them what is new in the store, and where is the men sector etc.., and this will be my Ai main topic which is Chatbot.

What is chatbot

Chatbot or bot – A chatbot is a computer program that allows humans to interact with technology using a variety of input methods.

Artificial solutions. (2020). Chatbots: The definitive guide (https://botscrew.com/blog/what-are-bots/)

How does it work

When a human interacts with a chatbot, the chatbot, analyses the text/voice input, consider the best response and delivers that back to the user, the chatbot's reply output may be delivered in any number of ways such as written text, voice (TTS)

A little History of chatbots

Turing Test
It all started in 1950 when Alan turning made the Turing test, Turing asks a question of whether machines can think ask, his landmark paper "Computing Machinery and Intelligence".

Eliza
In 1964, MIT computer scientist Joseph Weizenbaum started development on ELIZA, what would turn out to be the first machine capable of speech using natural language processing.

There are two kinds of chatbots

Linguistic Based (Rule-Based Chatbots)

Rule-based chatbots use if/then logic to create conversational flows , so they are programmed with specific algorithm , with facts and rules

Artificial solutions. (2020). Chatbots: The definitive guide (https://botscrew.com/blog/what-are-bots/)

Machine learning (AI Chatbots) Examples of applications that already exist

Chatbots powered by AI Software are more complex than rule-based chatbots and tend to be more conversational, data-driven and predictive

Conversational systems based on machine learning can be impressive if the problem at hand is well-matched to their capabilities. By its nature, it learns from patterns and previous experiences.

Agentbot is a bot with conversational Ai

Best for : Marketing agency and social media mangers

Pandorabots is one of the oldest and largest chatbot

hosting services in the world

Artificial solutions. (2020). Chatbots: The definitive guide (https://botscrew.com/blog/what-are-bots/)

Feasibility

Chatbots are already visible in many fields such as KLM, Cool blue, ANWB, GGD

Many of chatbots are both test and voice input devices to make sure it helps the customers

For more examples you can click on this link.

(https://www.chatbots.org/nl/P10)

Benefits of Ai Chatbot

A. Chatbots in business field

1. Example
Immediate and accurate Response: Speed and convenience, chatbots allow businesses to meet this demand by giving an immediate response to queries or issues, and you will always get the right answer whether is Ai or non-AI chatbots, because its all data based on knowledge.

2. Example

Available 24/7: whenever you have a question to a company whether its 1 pm or 1 am, you can always get an answer by chatbots, so you don't need to be worried when you a have a question late at night, chatbots are always ready to answer your questions.

B. Chatbots in our daily life

1. Example
Truly Conversational: Ai-chatbots will make you feel like you are truly interacting with a human being, and that's a huge benefit for people who feel depressed or people who needs to talk to someone

2. Example
Better and easier lifestyle: whenever you are busy doing something like cooking or driving and you want to do a task such as calling someone or listen to a song , you can just call it out, Siri for example, and its not only faster, but safer and more flexible

Conclusion

Minority report movie shows us how technology developing so quick, makes science fiction in the past, a reality and we interact with it.

Chatbots exists since 1950, and still surprising us with the new technologies that have huge impact on it.

Feasibility and benefits of chatbots are so many

Future of AI-bot is bright, especially the AI-unsupervised chatbots.