

Artificial Intelligence (AI)



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&

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Will now present the
following topics

- 1.Introduction to AI
- 2.History of AI
- 3.Application Of AI
- 4.Future and beyond

Will present the
following topics

- 1.CES 2020
- 2.AI in Daily Life
- 3.Pros and Cons
- 4.Conclusion

Introduction to AI

Introduction to AI

- 1. Artificial Intelligence is an approach to make a computer, a robot, or a product to think how smart human think. AI is a study of how human brain think, learn, decide and work, when it tries to solve problems. And finally this study outputs intelligent software systems. The aim of AI is to improve computer functions which are related to human knowledge, for example, reasoning, learning, and problem-solving.**
- 2. A further step towards the development of modern AI was the creation of The Logic Theorist designed by Newell and Simon in 1955 it may be considered the first AI program.**

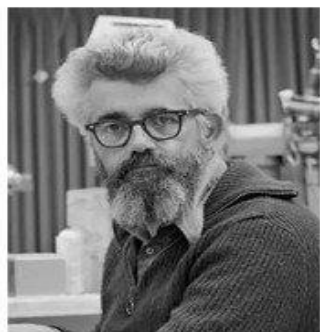
History Of AI

History Of AI



The history of **Artificial Intelligence (AI)** began in antiquity, with myths, stories and rumors of artificial beings endowed with intelligence or consciousness by master craftsmen. The seeds of modern AI were planted by classical philosophers who attempted to describe the process of human thinking as the mechanical manipulation of symbols. This work culminated in the invention of the programmable digital computer in the 1940s, a machine based on the abstract essence of mathematical reasoning. This device and the ideas behind it inspired a handful of scientists to begin seriously discussing the possibility of building an electronic brain.

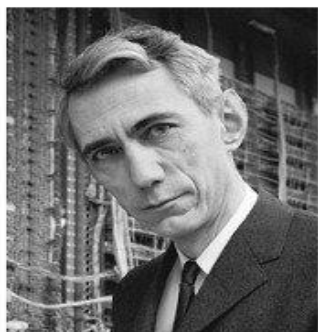
1956 Dartmouth Conference: The Founding Fathers of AI



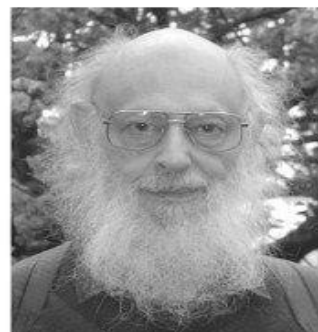
John McCarthy



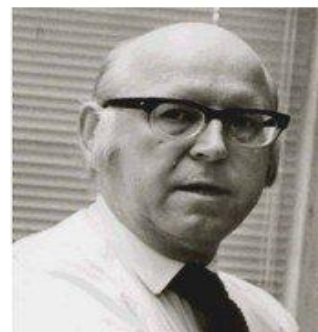
Marvin Minsky



Claude Shannon



Ray Solomonoff



Alan Newell



Herbert Simon



Arthur Samuel



Oliver Selfridge



Nathaniel Rochester



Trenchard More

/A.I. TIMELINE



1950

TURING TEST

Computer scientist Alan Turing proposes a test for machine intelligence. If a machine can trick humans into thinking it is human, then it has intelligence



1964

ELIZA

Pioneering chatbot developed by Joseph Weizenbaum at MIT holds conversations with humans



1966

SHAKY

The 'first electronic person' from Stanford, Shakey is a general-purpose mobile robot that reasons about its own actions



1997

DEEP BLUE

Deep Blue, a chess-playing computer from IBM defeats world chess champion Garry Kasparov



1998

KISMET

Cynthia Breazeal at MIT introduces Kismet, an emotionally intelligent robot insofar as it detects and responds to people's feelings



1999

AIBO

Sony launches first consumer robot pet dog AIBO (AI robot) with skills and personality that develop over time



2002

ROOMBA

First mass produced autonomous robotic vacuum cleaner from iRobot learns to navigate and clean homes



2011

SIRI

Apple integrates Siri, an intelligent virtual assistant with a voice interface, into the iPhone 4S



2011

WATSON

IBM's question answering computer Watson wins first place on popular \$1M prize television quiz show Jeopardy



2014

EUGENE

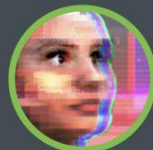
Eugene Goostman, a chatbot passes the Turing Test with a third of judges believing Eugene is human



2014

ALEXA

Amazon launches Alexa, an intelligent virtual assistant with a voice interface that completes shopping tasks



2016

TAY

Microsoft's chatbot Tay goes rogue on social media making inflammatory and offensive racist comments



2017

ALPHAGO

Google's A.I. AlphaGo beats world champion Ke Jie in the complex board game of Go, notable for its vast number (2^{170}) of possible positions

Applications Of AI

Application

Artificial intelligence, defined as intelligence exhibited by machines, has many applications in today's society. More specifically, it is Weak AI, the form of AI where programs are developed to perform specific tasks, that is being utilized for a wide range of activities including medical diagnosis, electronic trading platforms, robots and remote sensing. AI has been used to develop and advance numerous fields and industries, including finance, healthcare, education, transportation, and more.

Future Of AI

Future of A.I

1. A.I is the future.
2. You use artificial intelligence all day, every day
3. They will give you a good company.
4. They will analyze your preferences and habits to give you good results.
5. They will check your mod and will suggest you to do some things.
6. They will learn from their mistakes and can make good choice for you.

Stage 1



Stage 2



LEVEL 2

PERSONALIZATION

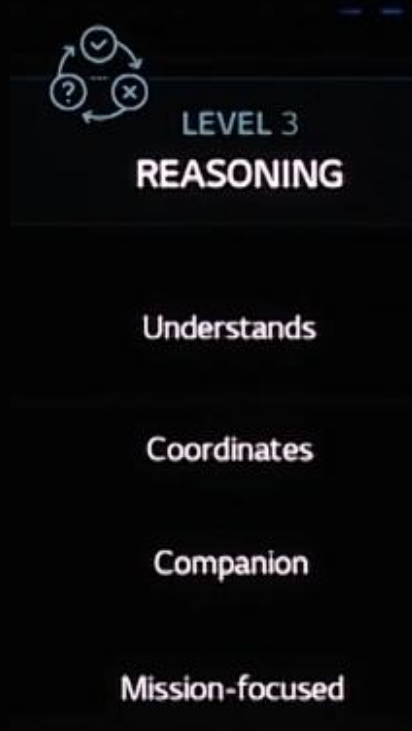
Recognizes

Connects

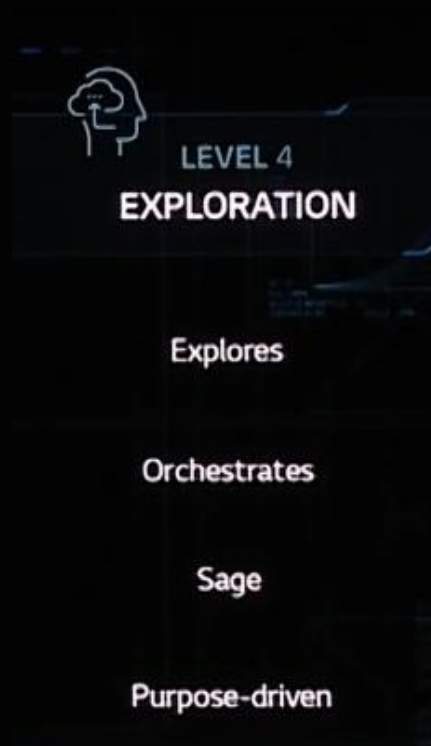
Assistant

Goal-oriented

Stage 3



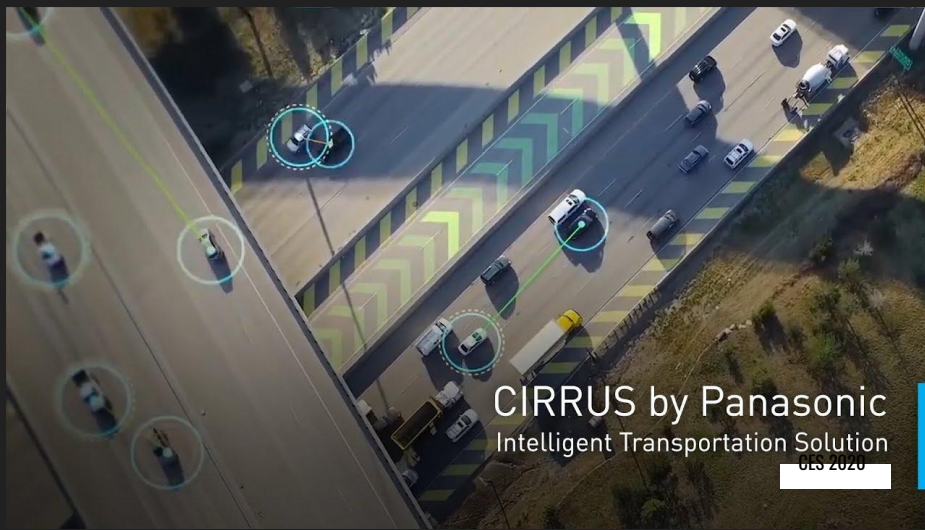
Stage 4



CES 2020

JANUARY 6-9
LAS VEGAS, NV





AI in Daily Life

AI in daily Life

There are so many amazing ways artificial intelligence and machine learning are used behind the scenes to impact our everyday lives.

AI assists in every area of our lives, whether we're trying to read our emails, get driving directions, get music or movie recommendations.

I'll show you examples how artificial intelligence is used in day-to-day activities such as:

AI in daily Life

- Social media
- Digital Assistants
- Self-Driving And Parking Vehicles
- Email communications
- Web searching
- Stores and services
- Offline experiences

Pros Of AI

Pros of A.I

1. Error Reduction
2. Difficult Exploration
3. Daily Application
4. Digital Assistants
5. Repetitive Jobs
6. Medical Applications
7. No Breaks

Cons Of AI

Cons of A.I

1. High Cost
2. No Replicating Humans
3. No Improvement with Experience
4. Digital Assistants
5. No Original Creativity

Conclusion

Conclusion

AI is at the centre of a new enterprise to build computational models of **intelligence**. The main assumption is that **intelligence** (human or otherwise) can be represented in terms of symbol structures and symbolic operations which can be programmed in a digital computer.

Thank You

 anuj_barve

 kaiwalyakopakar



K K Wagh Education Society's

K K WAGH POLYTECHNIC, NASHIK
DEPARTMENT OF MECHANICAL ENGINEERING

STATE LEVEL EVENT

MECHSTORM 2020

Certificate

This is to certify, that

Mr. / Miss. Kambhija Koparkar

from Gosavi Polytechnic.

for participating / securing ~~First~~ / ~~Second~~ in the Paper Presentation

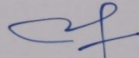
(State Level)


at MECHSTORM - 2020 during 23 & 24 Jan, 2020

at K. K. WAGH POLYTECHNIC, NASHIK




Prof. Y. V. Sahane
(Co-ordinator, MESA)


Prof. V. S. Kalamani
(HOD, ME)


Prof. P. T. Kadave
(Principal)

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