



Presentation

On
Artificial Intelligence

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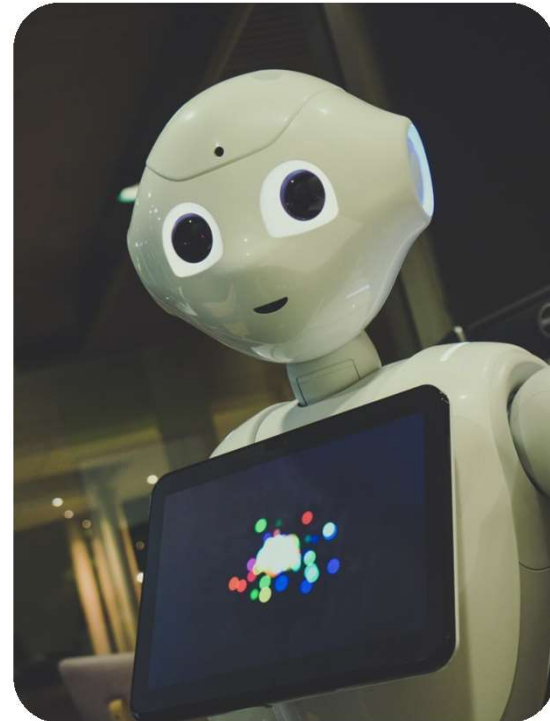
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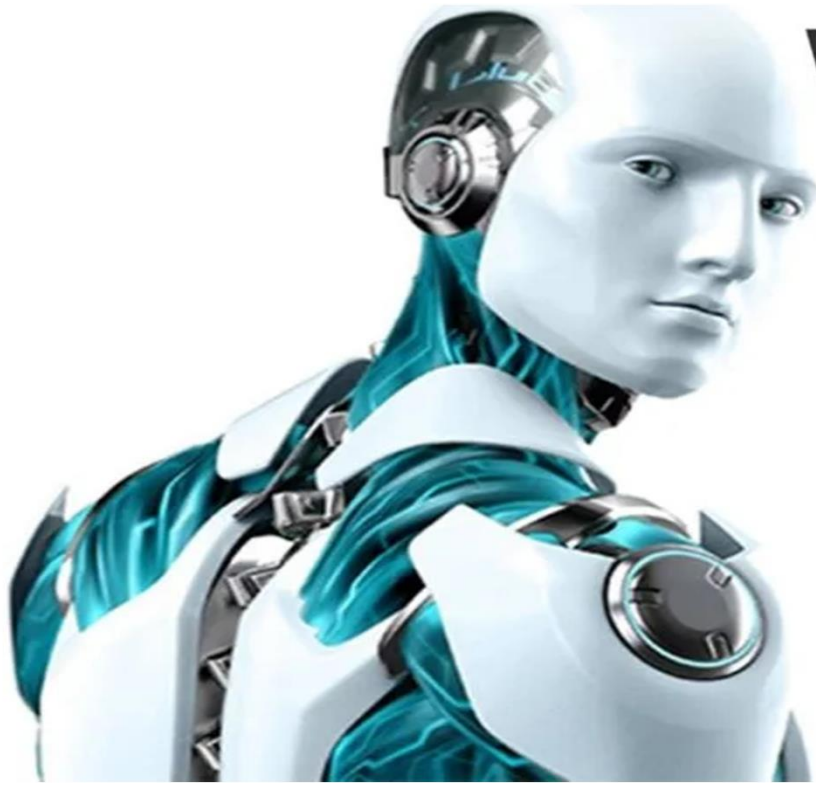
1. Q1

- i. What is Artificial Intelligence (AI)?
- ii. Dimensions of AI

2. Q2

- i. Chronologically list to development of AI till 2020





WHAT IS A.I.?

1. The study of computer system that attempt to model and apply intelligence of the human Mind.
2. A branch of computer science dealing with the simulation of intelligence behavior in computer.
3. The capability of a machine to imitate intelligence human behavior.

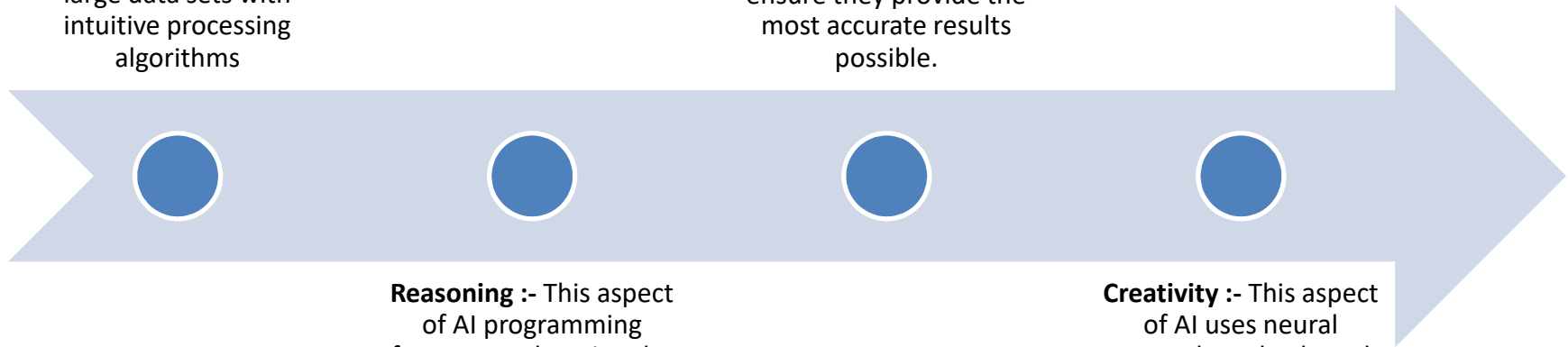
How Does AI Work

Learning :- combining large data sets with intuitive processing algorithms

Self-correction :- This aspect of AI programming is designed to continually fine-tune algorithms and ensure they provide the most accurate results possible.

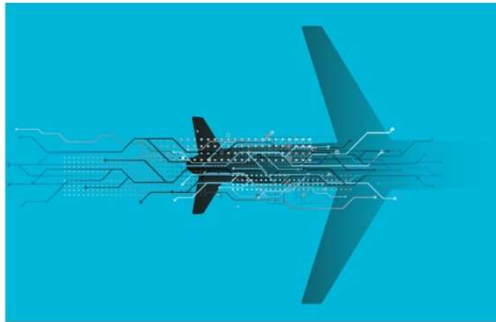
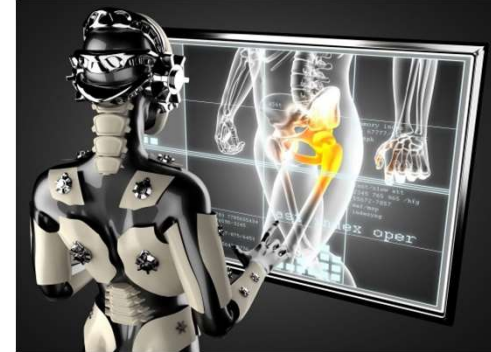
Reasoning :- This aspect of AI programming focuses on choosing the right algorithm to reach a desired outcome.

Creativity :- This aspect of AI uses neural networks, rules-based systems, statistical methods and other AI techniques to generate new images, new text, new music and new ideas.



Importance of Artificial Intelligence

In the field of Medical Sciences



In the Field of Air Transport

In the Field of Gaming and Entertainment



Dimensions of AI

- Artificial Intelligence (AI) is the study of computers that can perform tasks and processes that require intelligent thought.
- It's a broad term that encompasses many disciplines, including machine learning, computer vision, natural language processing and more.
- There are six broad dimensions of artificial intelligence: speech and audio recognition, natural language processing, image processing, pattern recognition, deep learning and robotics.

The six dimensions of artificial intelligence are:

Artificial Intelligence is not just about **automation**. It is the use of **machines to think and act like humans**.

AI can be applied in many different ways and **it is still developing**.

AI has the potential to solve some of the world's most **challenging problems such as climate change, hunger, disease, and inequality**.

AI is a **broad concept** and it has many applications. It can be used for **automation, robotics, deep learning, natural language processing, computer vision** and more.

AI has the **potential to change** the way we work and live.

AI is not just a buzzword but it is also an **emerging technology** that will have an impact on how we work and live in the future.

Chronologically list to development of AI till 2020

The term “Artificial Intelligence” was first coined by the father of AI, John McCarthy in 1956. But the revolution of AI consequently began a few years in advance, i.e. the 1940s.

Artificial Intelligence has significantly improved their operations and proved to be a good return on investment (ROI). Additionally, AI has increased involvement with a person's day-to-day life. One can witness the inclusion of AI in smartwatches, recommendation engine on streaming platforms such as Youtube and Netflix, innovative home systems, voice assistants, messaging platforms, automated customer support, and several day-to-day business ventures, among various other platforms.

Here, we'll discuss the course of AI over the last few decades by covering the milestones of AI and how these have shaped the world. Thus, a brief evolution of AI from the 1940s to the 2020s.

1940

- The enigma machine was decoded using AI, during WW!!

1950

- Alan Turing released a test to test for machine intelligence

1955

- John MCArthy coins the term "AI".

1961

- The introduction of unmated, the first industrial robat.

1964

- The first Chatbot was invented by Joseph Weizenbaun.

1969

- Shakey, the robot. The first general- purpose mobile robot was introduced.

1995

- Alice, the Chatbot is introduced by Richard Waliace.

1997

- DeepBlue Boats chess legend.

1998

- The birth of Kismet, a robot equipped with emotions.

2002

- Romba – a high efficint AI-powered vacuum cleaner.

2008

- Voice recognition on the iPhone and the birth of siri.

2011

- IBM Watson – The Question Answering Machine is introduced.

2014

- Alexa – A virtual assistant becomes a primary tool on Amazon devices

2016

- Sophia The Robot becomes the first robot to receive a citizenship.

2017

- Amper the AI composes music in collaboration with a pop singer.

2020

- A revolutionary tool for automated conversation – GPT3 is Introduced.

A bright yellow rectangular sticky note is tilted slightly to the right. It is attached to a white background with a piece of translucent grey tape at the top-left corner. The words "Thank You!" are written in a blue, hand-drawn, sketchy font. The word "Thank" is on the top line and "You!" is on the bottom line, both centered horizontally.

Thank
You!