Name: احمد حمدي فاروق دسوقي الدولة

B.N: 51

Date: 2020/5/27

Topic: Artificial Intelligence

GitHub link : https://github.com/ahmedeldola/ECE001

GitHub page: https://ahmedeldola.github.io/ECE001/index.html

Application brief:

Artificial intelligence is one of the most important topics in life now. We must give it great importance. Artificial intelligence has many applications, including:

. autonomous vehicles (such as drones and self-driving cars).

. medical diagnosis.   . creating art (such as poetry).

. proving mathematical theorems   . playing games (such as Chess).

. search engines (such as Google search)

• online assistants (such as Siri)

• image recognition in photographs spam filtering targeting online advertisements

• Telecommunications maintenance

• Online and telephone customer services

Screenshot :

Artificial Intelligence

links

- Main page
- Artificial Intelligence definition
- Types of Artificial Intelligence
- Artificial intelligence history
- Advantages of Artificial Intelligence

this is main page for Artificial Intelligence feed ...

definition

links

- Main page
- Artificial Intelligence definition
- Types of Artificial Intelligence
- Artificial intelligence history
- Advantages of Artificial Intelligence

Artificial Intelligence is a system's ability to correctly interpret external data, to learn from such data, and to use those learnings to achieve specific goals and tasks through flexible adaptation.

types of Artificial Intelligence

links

-
-
-
-
-

Artificial Narrow Intelligence

ANI

is also referred to as Narrow AI or Weak AI. This type of artificial intelligence is one that focuses primarily on one single narrow task, with a limited range of abilities. If you think of an example of AI that exists in our lives right now, it is ANI. This is the only type out of the three that is currently around. This includes all kinds of Natural Language or Siri.

Artificial General Intelligence

AGI

technology would be on the level of a human mind. Due to this fact, it will probably be some time before we truly grasp AGI, as we still don't know all there is to know about the human brain itself. However, in concept at least, AGI would be able to think on the same level as a human, much like Sonny the robot in I-Robot featuring Will Smith.

Artificial Super Intelligence

ASI

This is where it gets a little theoretical and a touch scary. ASI refers to AI technology that will match and then surpass the human mind. To be classed as an ASI, the technology would have to be more capable than a human in every single way possible. Not only could these AI things carry out tasks, but they would even be capable of having emotions and relationships.

Advantages of Artificial Intelligence
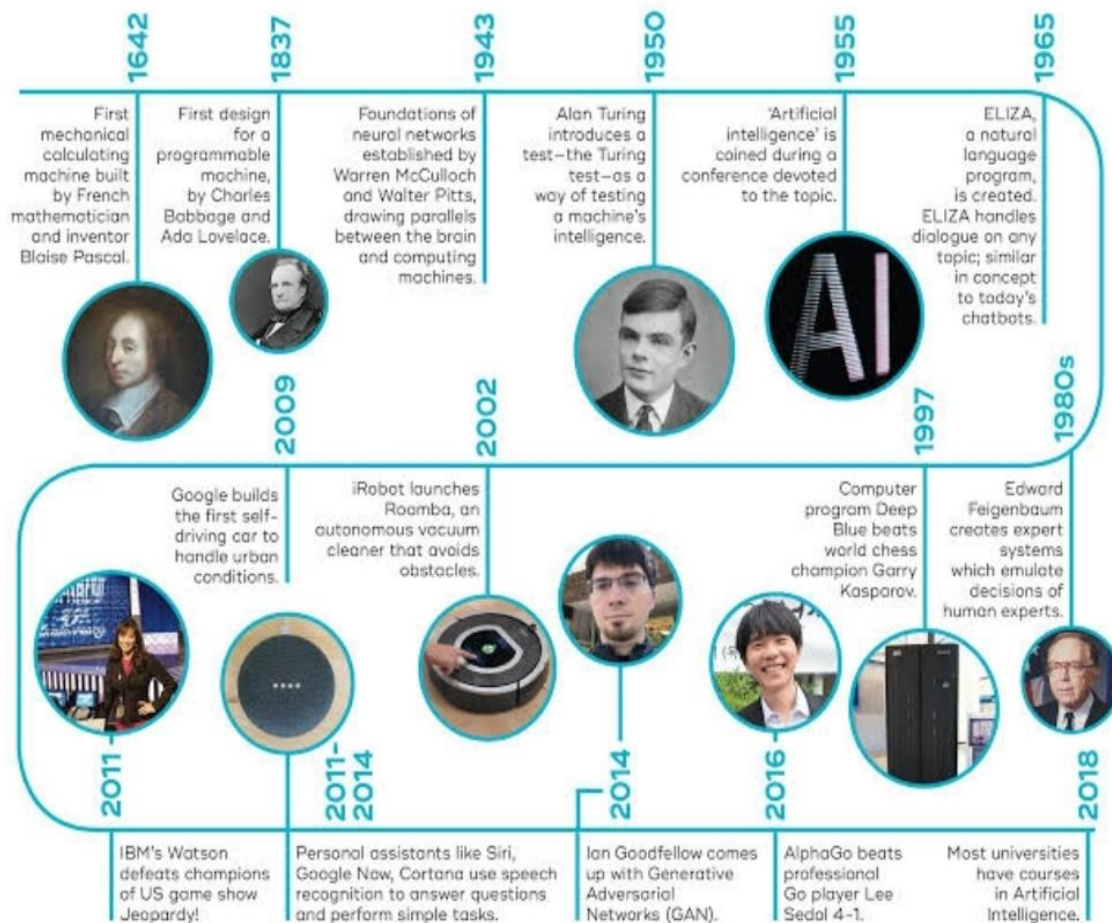
links

- [Main page](#)
- [Artificial Intelligence definition](#)
- [Types of Artificial Intelligence](#)
- [Artificial intelligence history](#)
- [Advantages of Artificial Intelligence](#)

- #1) Error Reduction
- #2) Difficult Exploration
- #3) Digital Assistants
- #4) Daily Application
- #5) No breaks
- #6) Reduce cost of training and operation
- #7) Increase Work Efficiency

Artificial Intelligence history

links

1642 — First mechanical calculating machine built by French mathematician and inventor Blaise Pascal.

1837 — First design for a programmable machine, by Charles Babbage and Ada Lovelace.

1943 — Foundations of neural networks established by Warren McCulloch and Walter Pitts, drawing parallels between the brain and computing machines.

1950 — Alan Turing introduces a test—the Turing test—as a way of testing a machine's intelligence.

1955 — 'Artificial intelligence' is coined during a conference devoted to the topic.

1965 — ELIZA, a natural language program, is created. ELIZA handles dialogue on any topic; similar in concept to today's chatbots.

1980s — Edward Feigenbaum creates expert systems which emulate decisions of human experts.

1997 — Computer program Deep Blue beats world chess champion Garry Kasparov.

2002 — iRobot launches Roomba, an autonomous vacuum cleaner that avoids obstacles.

2009 — Google builds the first self-driving car to handle urban conditions.

2011 — IBM's Watson defeats champions of US game show Jeopardy!

2011–2014 — Personal assistants like Siri, Google Now, Cortana use speech recognition to answer questions and perform simple tasks.

2014 — Ian Goodfellow comes up with Generative Adversarial Networks (GAN).

2016 — AlphaGo beats professional Go player Lee Sedol 4-1.

2018 — Most universities have courses in Artificial Intelligence.

Source code :

```html
<!DOCTYPE html>
<html>
<head>
 <title>Artificial Intelligence history
</title>
</head>
<body>
 <h1>Artificial Intelligence history
</h1>
 <h2>links</h2>
 <ul>
 <li><a href="index.html">Main page</a></li>
 <li><a href="p1.html">Artificial Intelligence
definition</a></li>
 <li><a href="p2.html">Types of Artificial
Intelligence</a></li>
  <li><a href="p3.html">Artificial Intelligence
history</a></li>
  <li><a href="p4.html">Advantages of Artificial
Intelligence </a></li>
</ul>
<img src="History.png" alt="Artificial Intelligence">


</body>
</html>
```