



Artificial Intelligence (AI)

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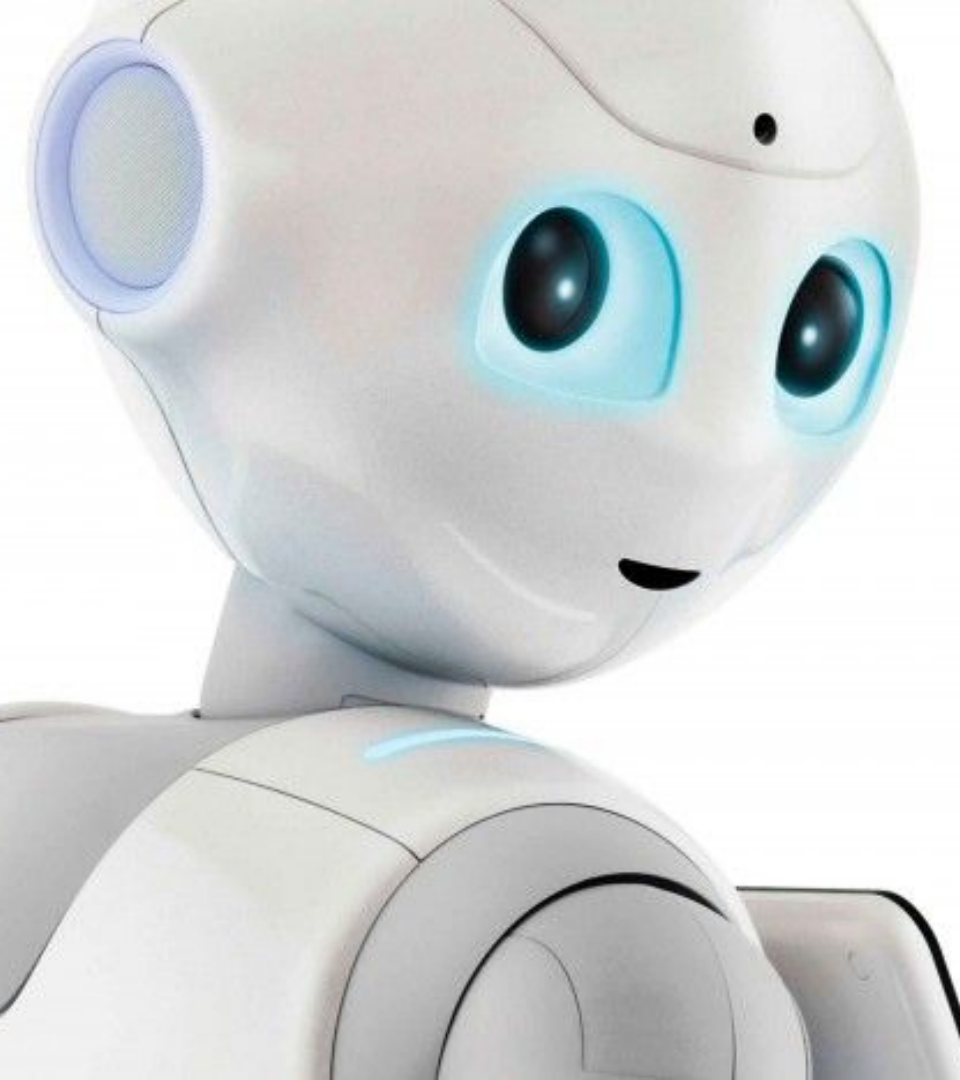


**What do you think
Artificial Intelligence
is?**

Artificial Intelligence in Movies

In movies, robots are able to talk, think, have emotions, and make decisions just like humans.





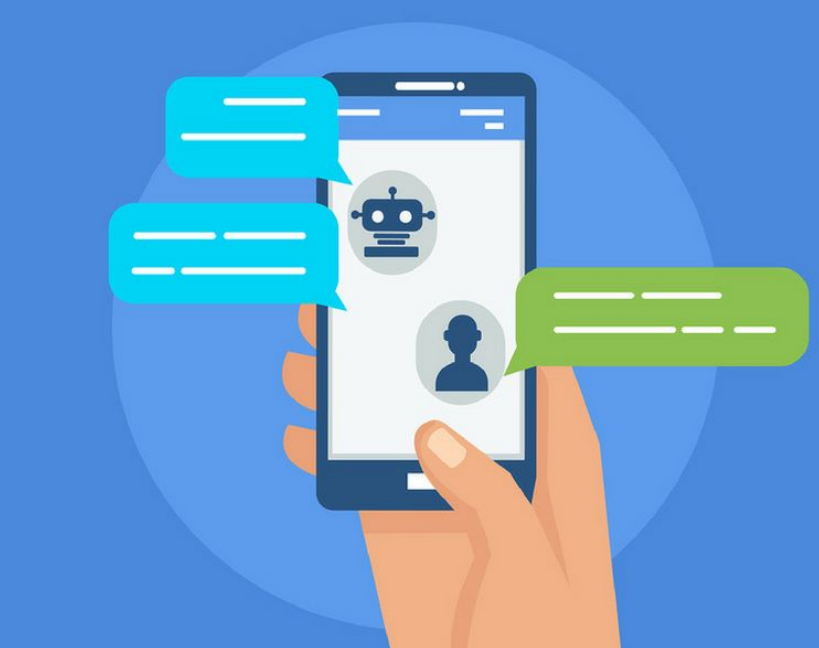
What is Artificial Intelligence?

Artificial Intelligence is the development of computer systems that are able to perform tasks that would require human intelligence.

Examples of these tasks are visual perception, speech recognition, decision-making, and translation between languages.

Real Life A.I. Examples

- ❑ Self Driving Cars
- ❑ Boston Dynamics
- ❑ Navigation Systems
- ❑ ASIMO
- ❑ Chatbots
- ❑ Human vs Computer Games
- ❑ Many More!



The background image shows a large industrial factory floor. Several orange robotic arms, likely ABB, are positioned along a production line. The floor is covered with yellow safety railings and yellow plastic pallets. The ceiling is high with industrial lighting. The overall scene is a busy manufacturing environment.

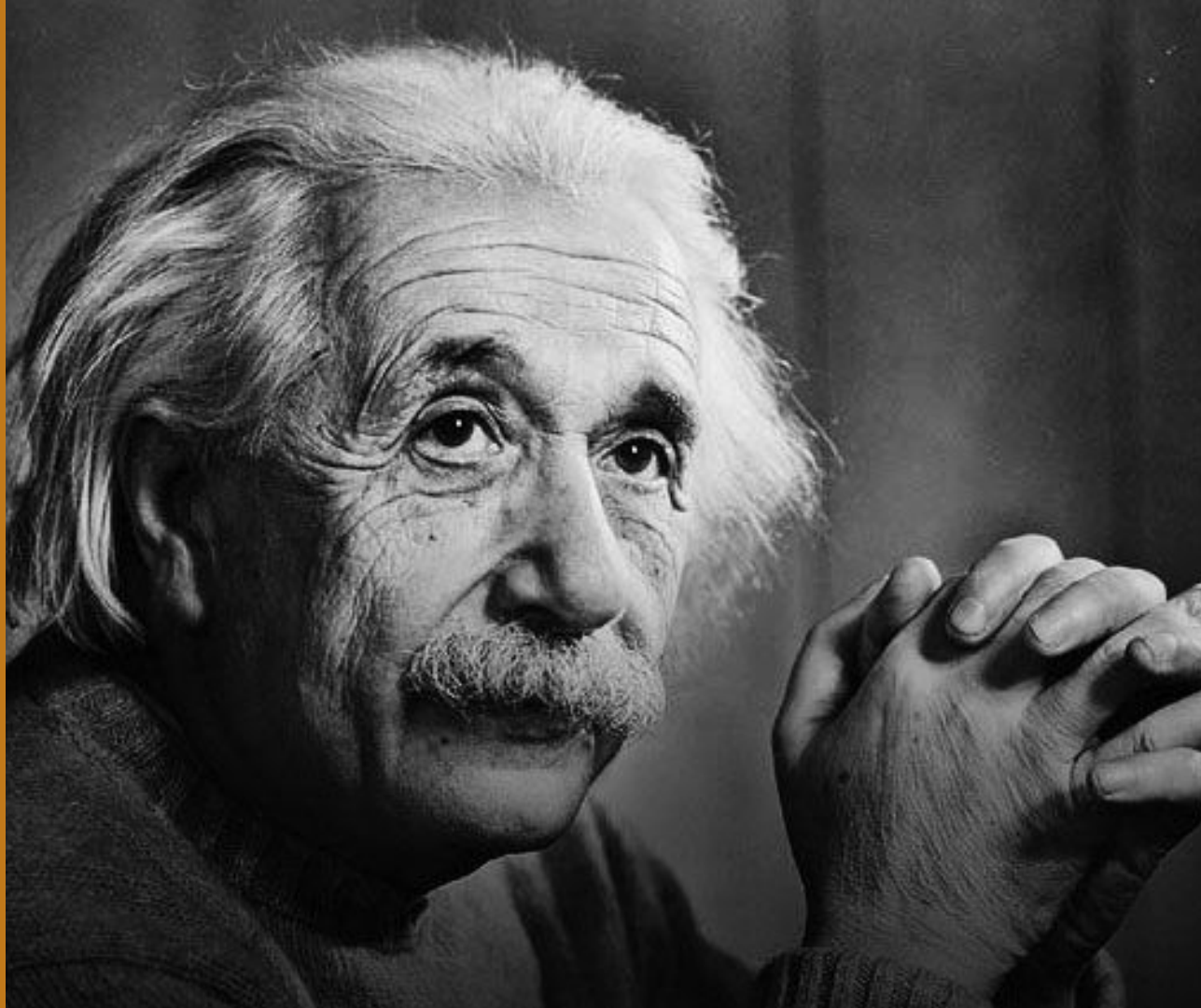
Weak A.I.

Machines with weak Artificial Intelligence are made to respond to specific situations, but can not think for themselves

Strong A.I.

A machine with strong A.I. is able to think and act just like a human. It is able to learn from experiences.

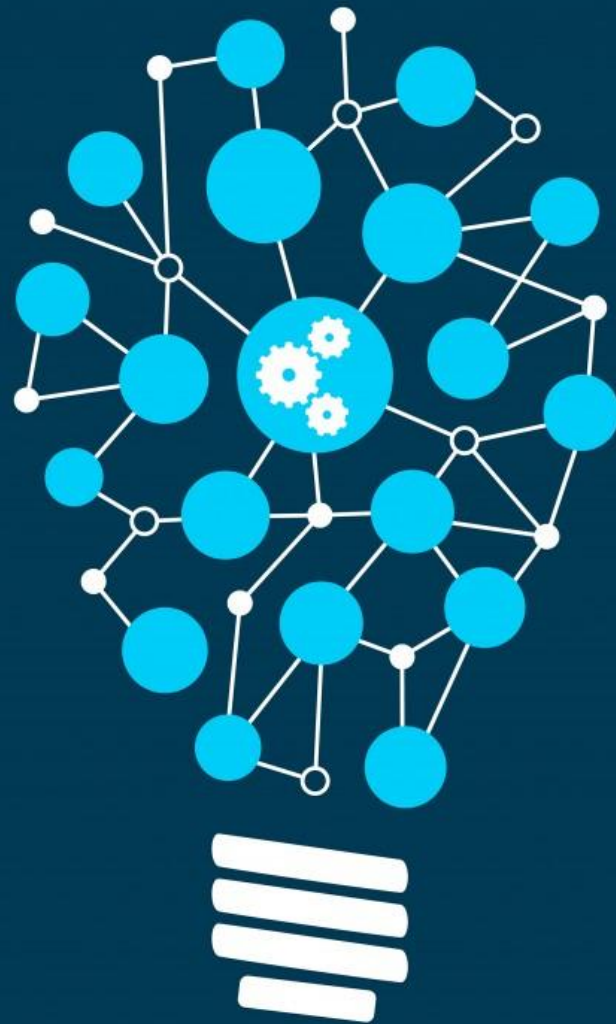
Since there are no real life examples of strong A.I. yet, the best representation would be how Hollywood portrays robots.



Machine Learning

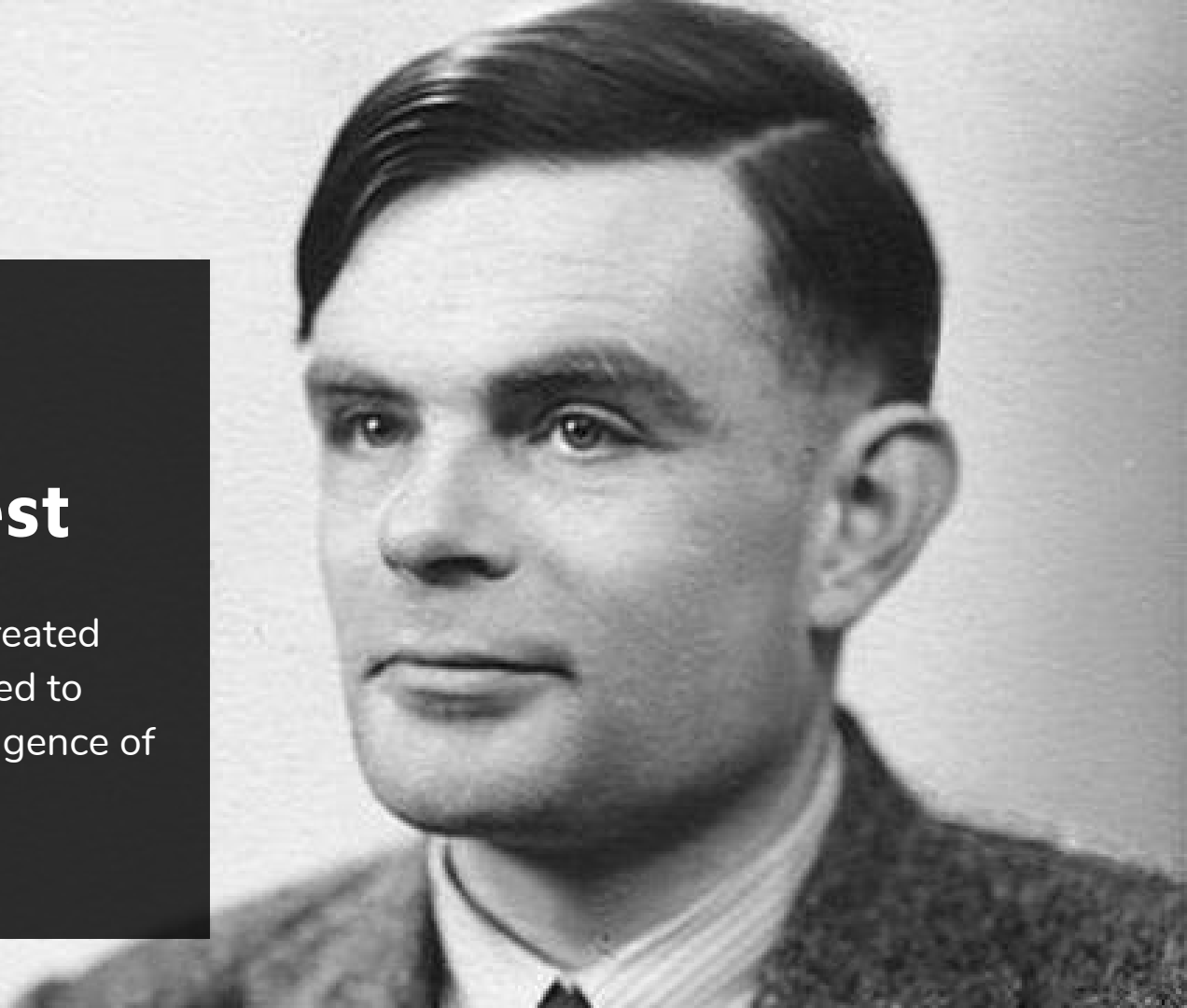
An application of Artificial Intelligence that gives machines the ability to learn and improve without the help of humans or new programming.

MACHINE LEARNING



The Turing Test

In the 1950s Alan Turing created the Turing Test which is used to determine the level of intelligence of a computer.





Controversy of Turing Test

Some people disagree with the Turing Test. They claim it does not actually measure a computer's intelligence.

Instead of coming up with a response themselves, they can use the same generic phrases to pass the test.

The Future of A.I.

- ★ Military Bots
- ★ The perfect lawyer
- ★ Music
- ★ Business
- ★ Healthcare



Benefits of A.I.

The most important purpose of A.I. is to reduce human casualties in

- Wars
- Dangerous Workspaces
- Car Accidents
- Natural Disasters

Or to just make everyday life easier by helping with tasks such as:

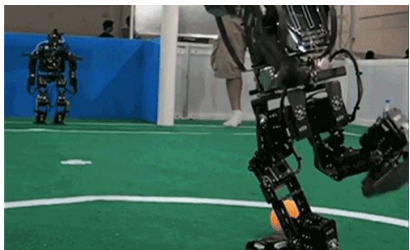
- Cleaning
- Shopping
- Transportation





THE END

Thank You





Sources

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