وزارة المواصلات والاتصالات
MINISTRY OF TRANSPORT AND COMMUNICATIONS

ستوديو 5/6
STUDIO 5/6

Virtual Robot

AI and Robotics,
Teach your robot
how to move.

Studio56.qa

Search or type a command

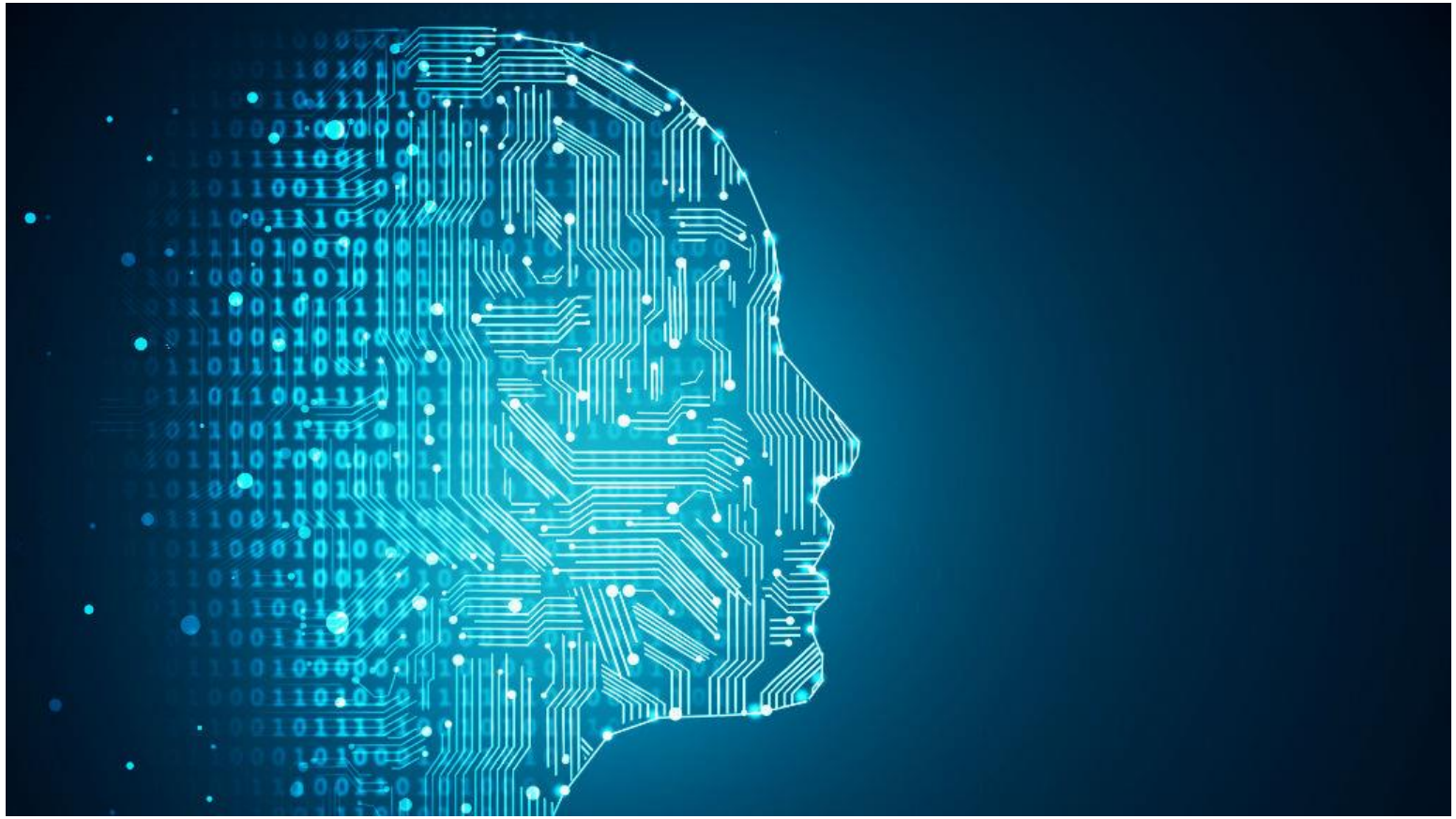
Activity
Chat
Teams
Calendar
Calls
Files

Waiting for others to join...

00:06

AI IS (Artificial Antelligence)

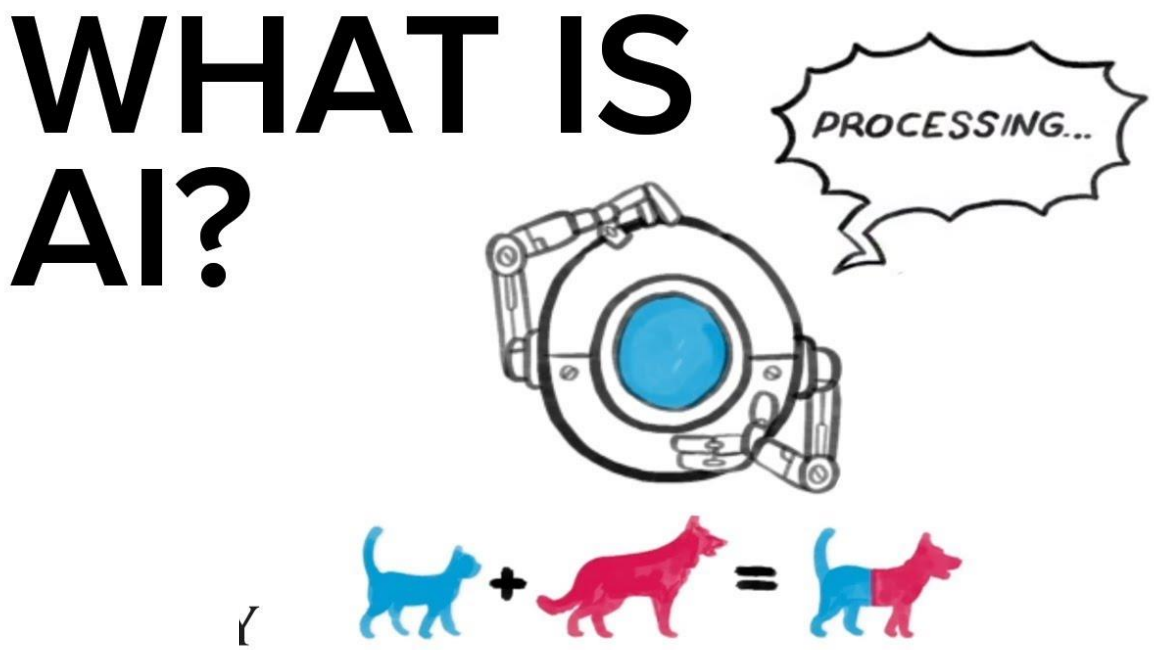
A system's ability to correctly interpret external data, to learn from such data, and to use those learnings to achieve specific goals and tasks through flexible adaptation.



Studio56.qa

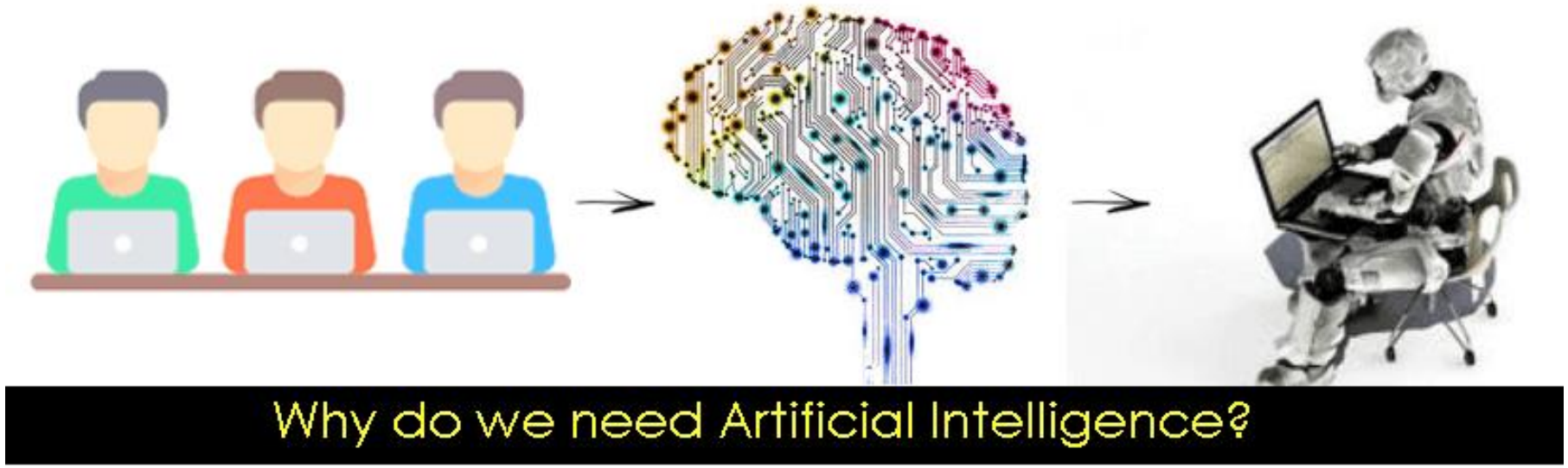
How AI works

AI works by combining large amounts of data with fast, iterative processing and intelligent algorithms, allowing the software and machines to learn automatically from patterns or features in the data.



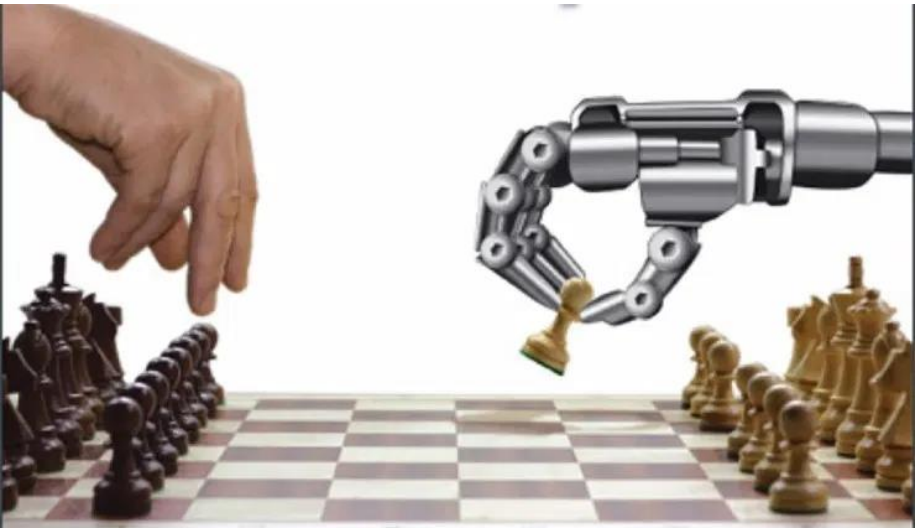
Why We Need AI..??

We are growing at huge rate, say it in terms of population, scripted knowledge, tasks etc. Increasing in scale also increase entropy in system, demanding huge number of tasks to be automated, and centralized.

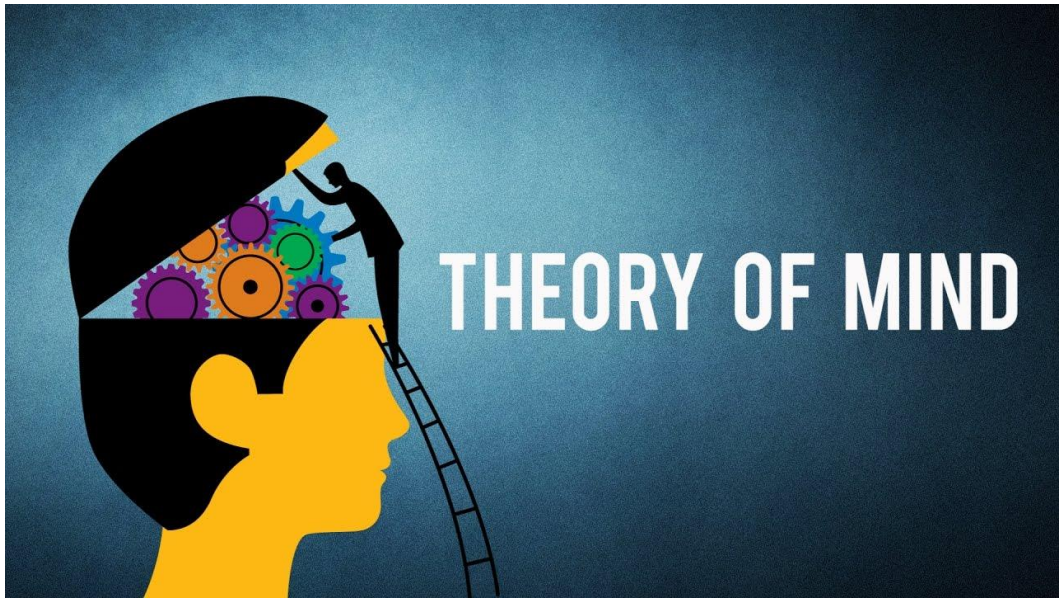


Types and stages of AI

REACTIVE MACHINES

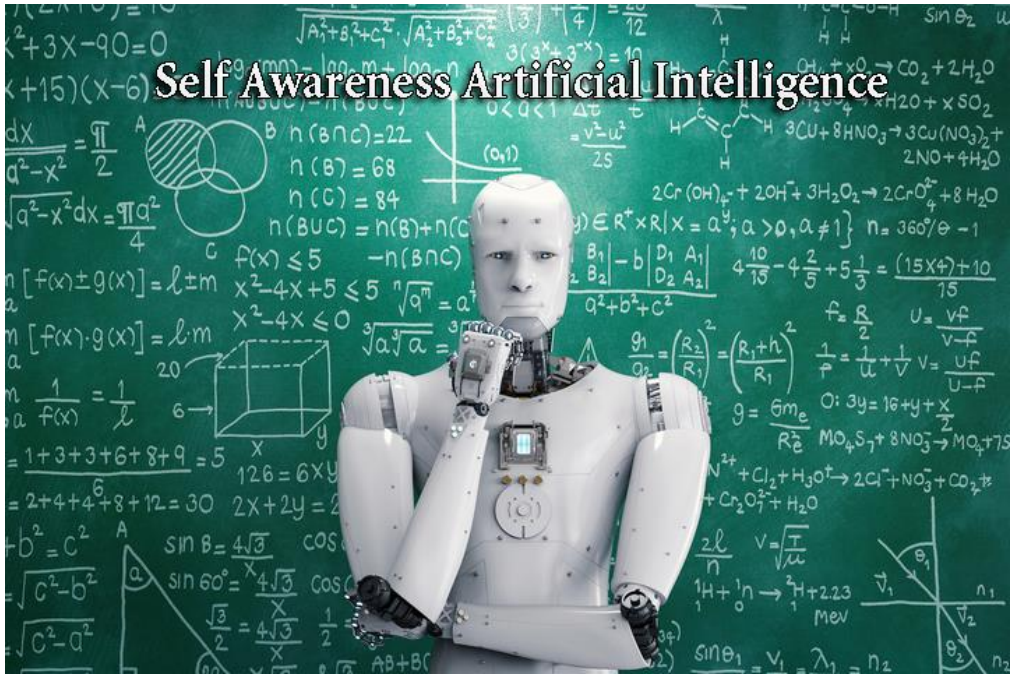


THEORY OF MIND

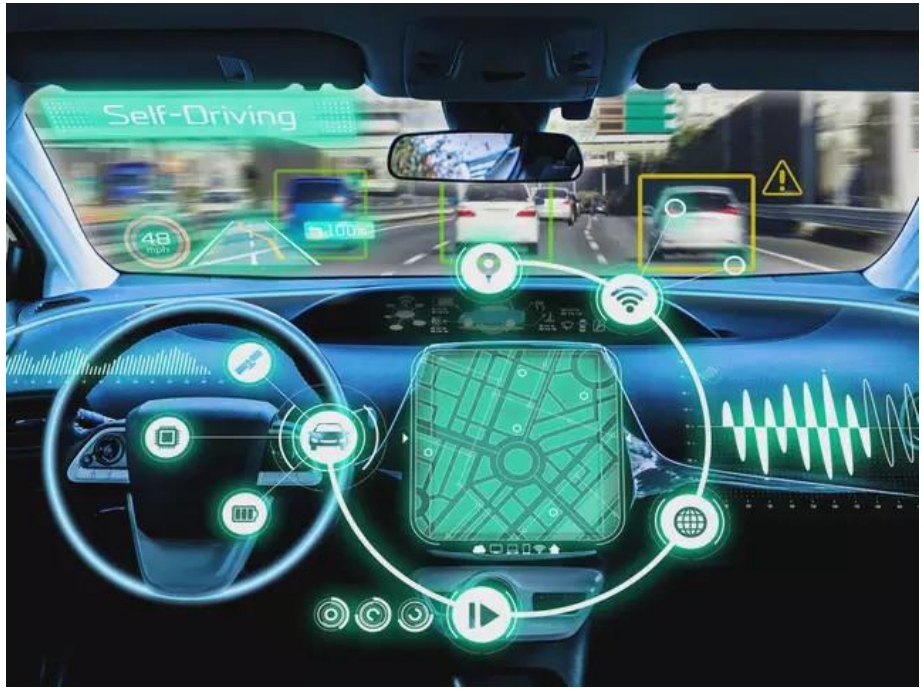


Types or stages of AI

SELF-AWARENESS



LIMITED MEMORY



Studio56.qa

Robots

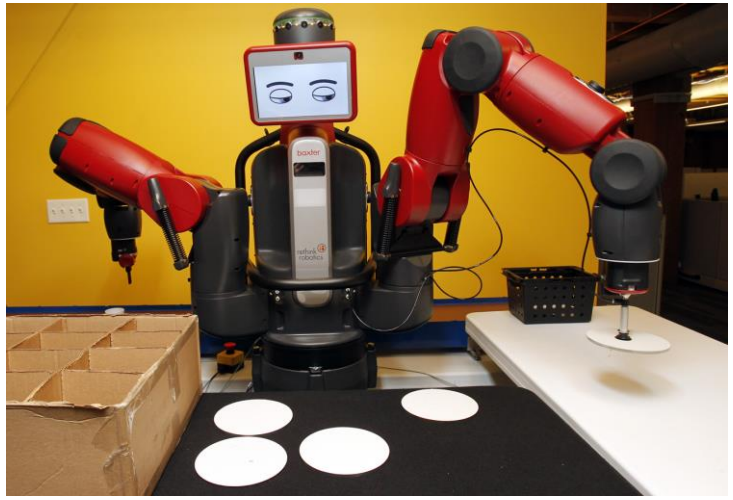
Robot is a machine—especially one programmable by a computer— capable of carrying out a complex series of actions automatically.

WHY DO WE NEED ROBOT??

Factory

AT HOME

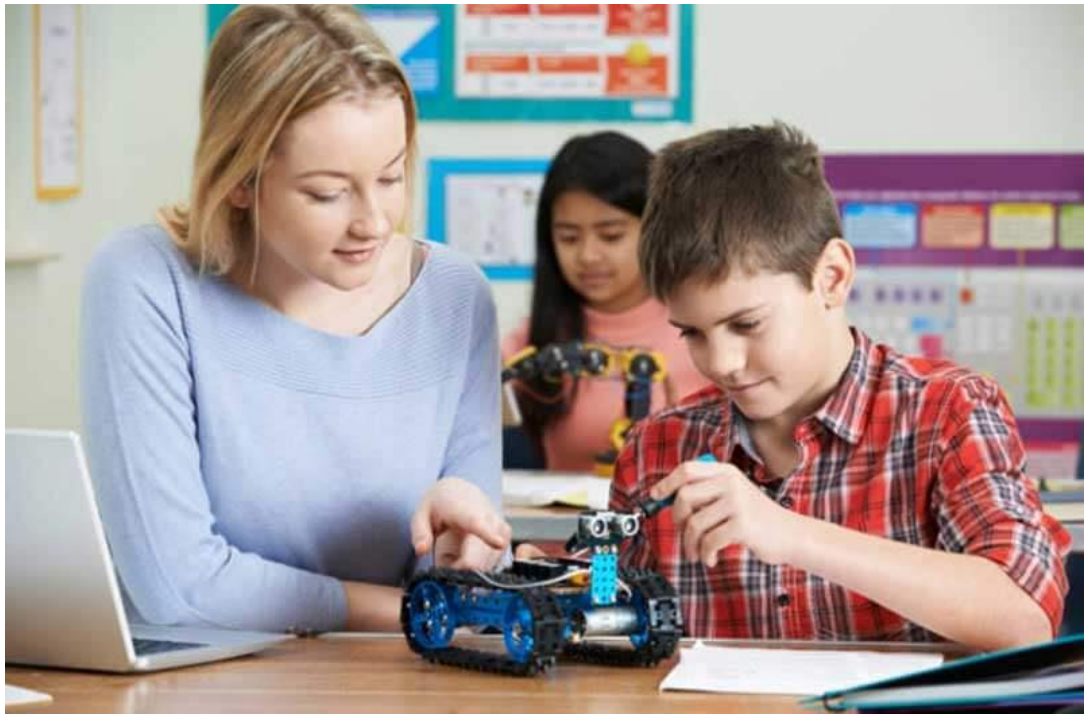
AT WORK



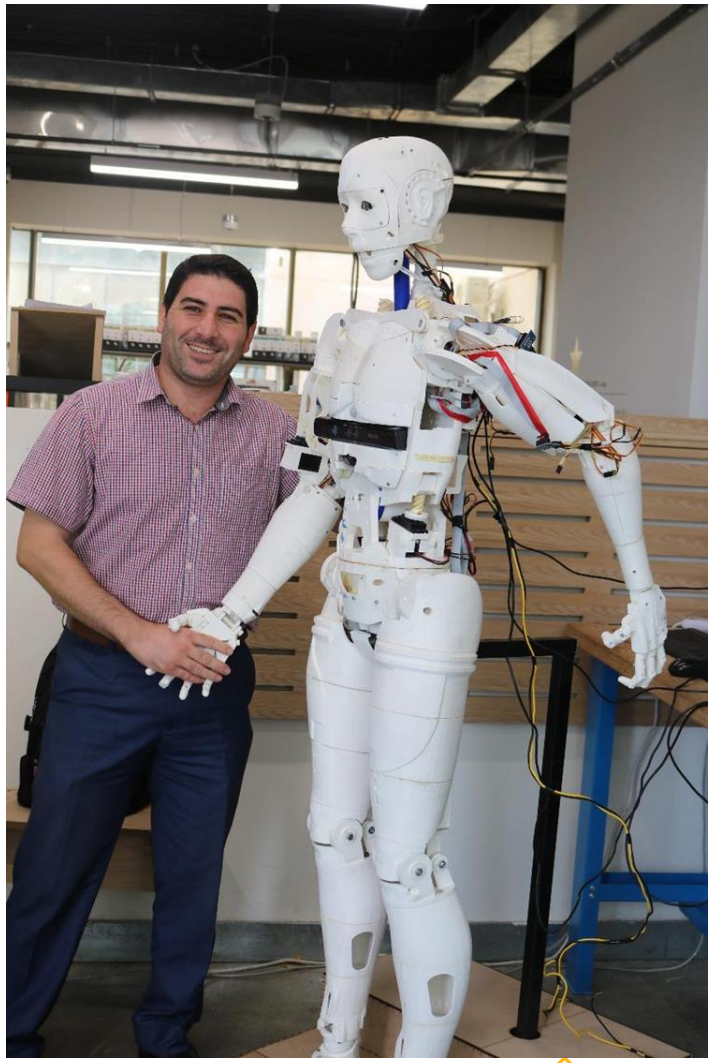
IN SPACE

Studio56.qa

IN EDUCATION

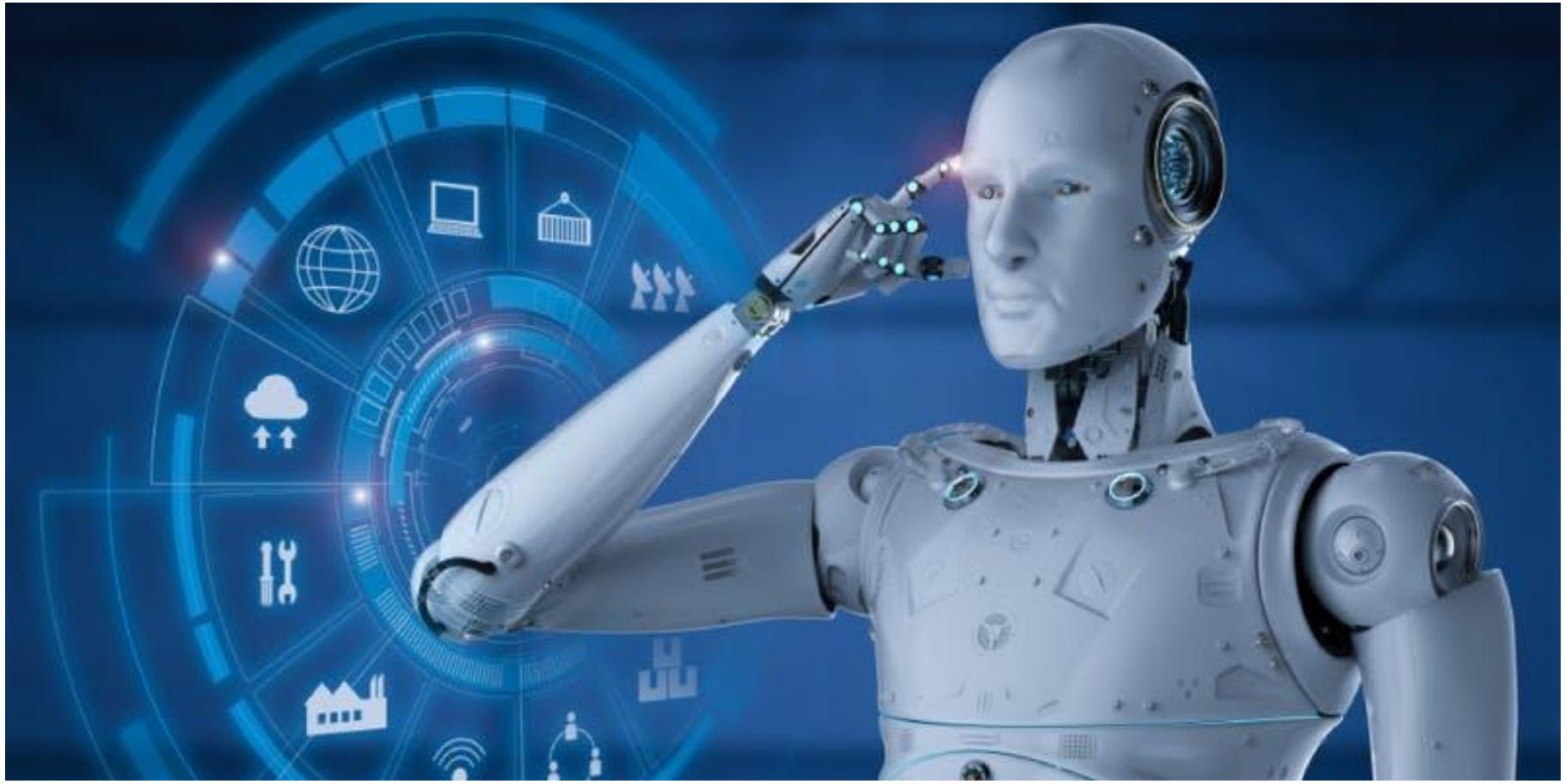


AS A FRIEND

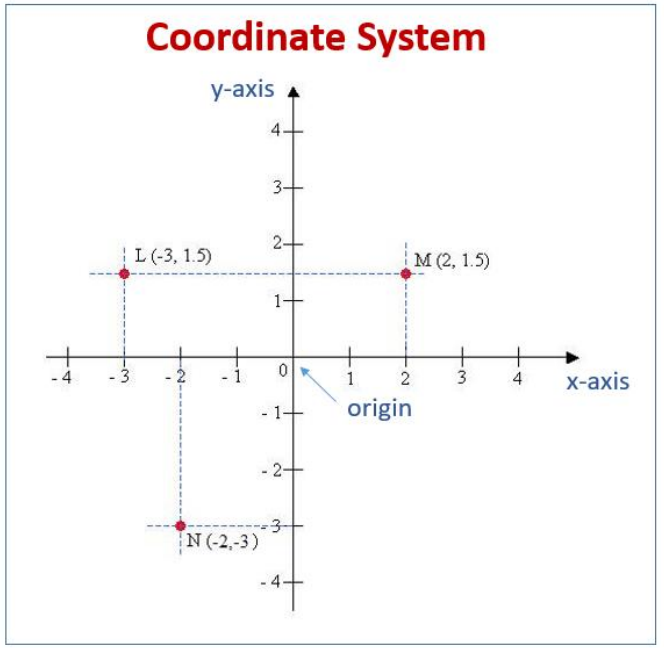


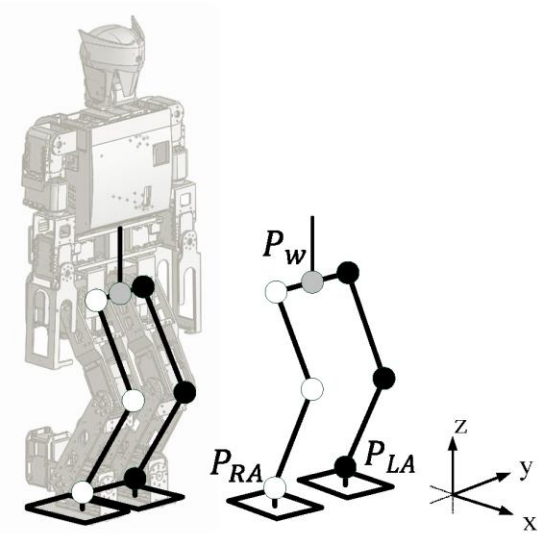
Studio56.qa

Robots and AI

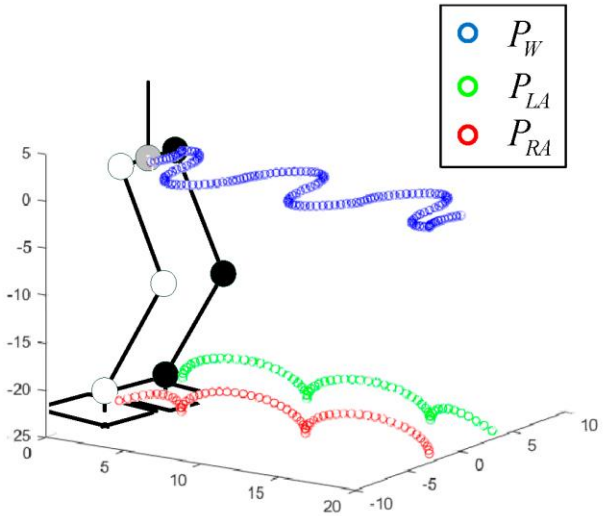


How to Teach Your Robot to Move
(Coordinate System)





(a)

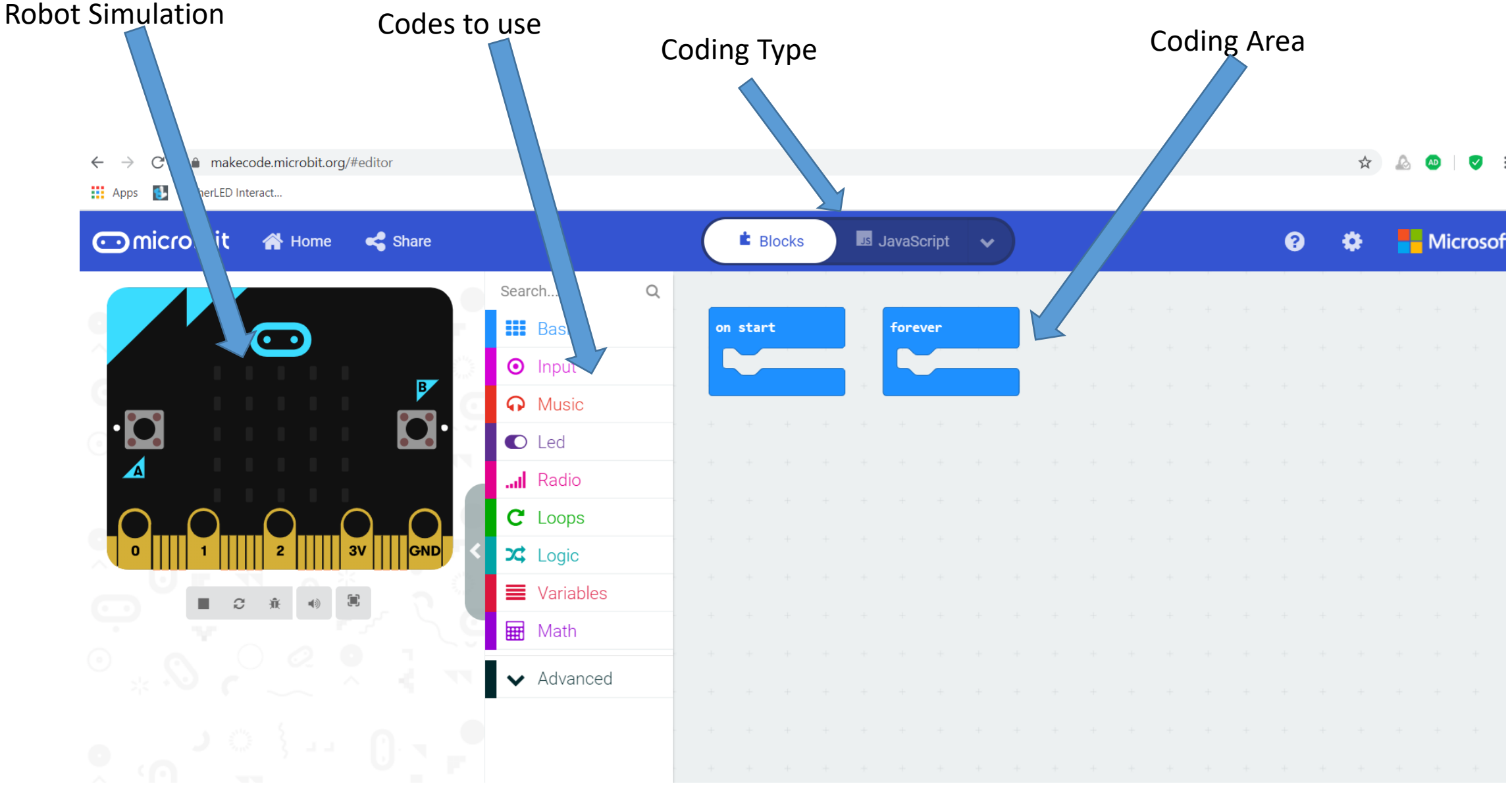


(b)

Studio56.qa

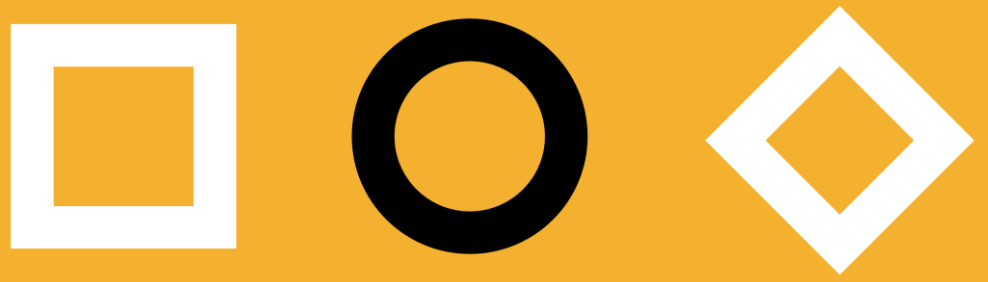
Is AI dangerous? Will robots take over the world?

Studio56.qa


Robot Simulation
Codes to use
Coding Type
Coding Area
makecode.microbit.org/#editor
Apps
Home
Share
Blocks
JavaScript
Search...
Bas
Input
Music
Led
Radio
Loops
Logic
Variables
Math
Advanced
on start
forever
0
1
2
3V
GND
A
B

ستوديو 5/6
STUDIO 5/6

THANKS



info@studio56.qa