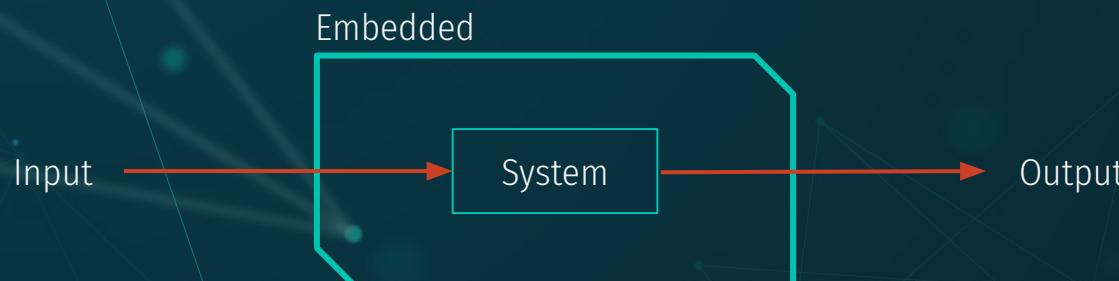


Role of Embedded System for AI

By: Muhammad Hafiz bin Rushdi

Embedded System



Components Of Embedded System

- 01 Input
- 02 System
- 03 Output

01 Input

Sensors

Devices or modules used to collect data from the physical analogous world to be translated into electrical signal.

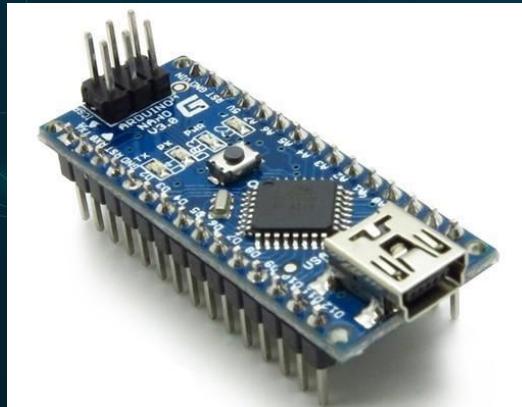
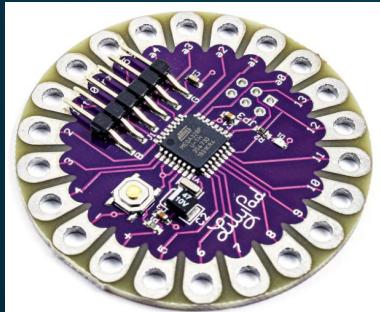


Data collecting

02 System

Microcontroller

Device that will process the data accepted by the system in order to produce desired outcomes.



03 Output

Visual



Auditory



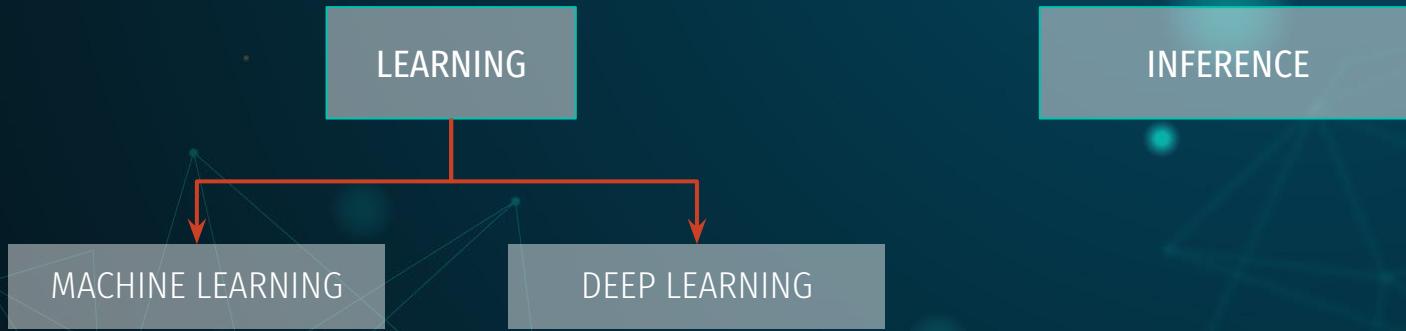
Actuator



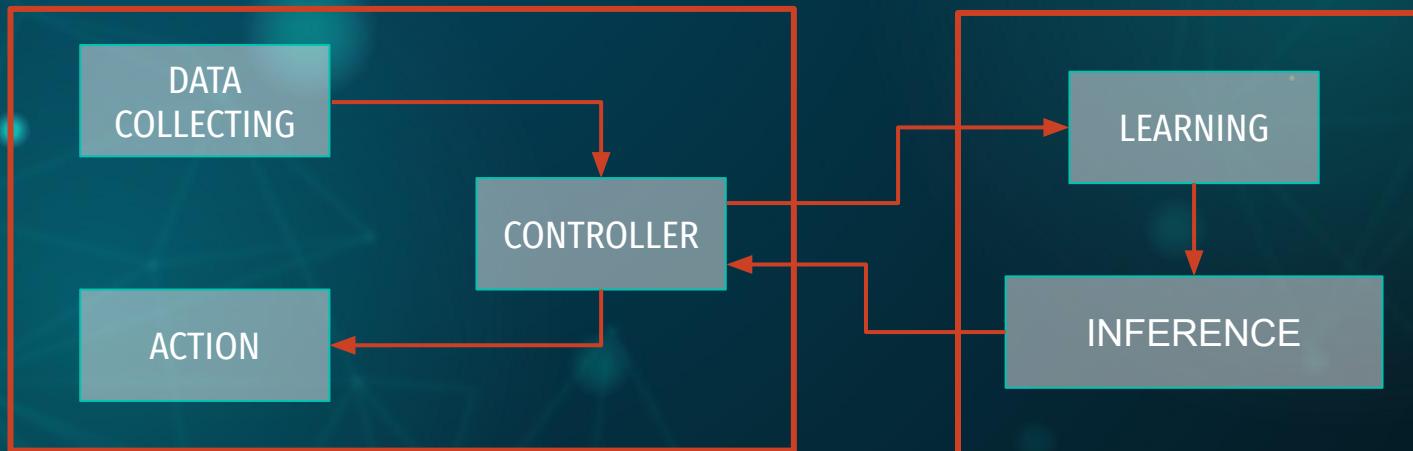
Artificial Intelligence



AI's Responsibility



EMBEDDED SYSTEM



AI SERVER

Embedded Artificial Intelligence



Low Latency

Power & cost

Improved
Environmental
Performance



Tighter Privacy &
Security

WHY?

Network
Bandwidth
Efficiency



QnA