

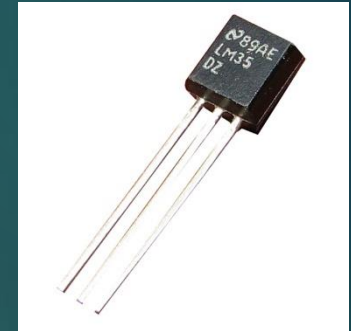
## 4. What is Structure of IoT?

# General Block Diagram

# Elements in IoT?

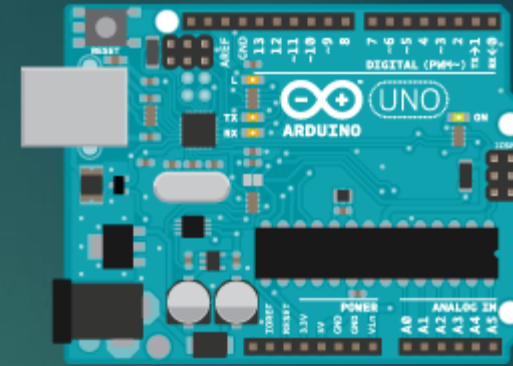
# 1. Who Generates Data?

**Sensors** : a device which detects or measures a physical property and records, indicates, or otherwise responds to it. <Wiki>



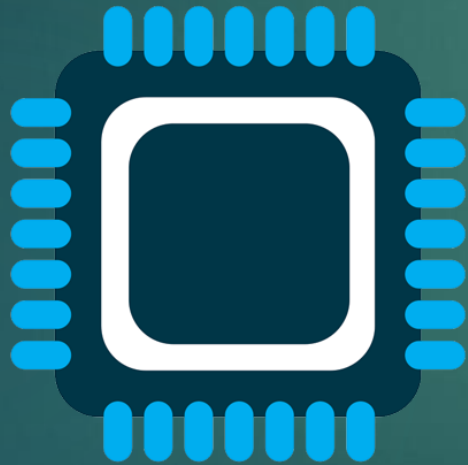
# Elements in IoT?

2. Who Collects Data from sensors?



Arduino UNO

## Microcontroller

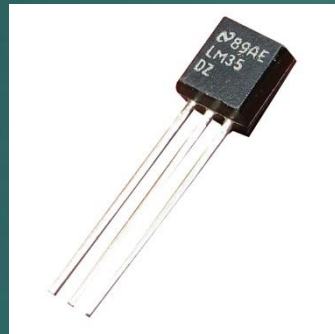
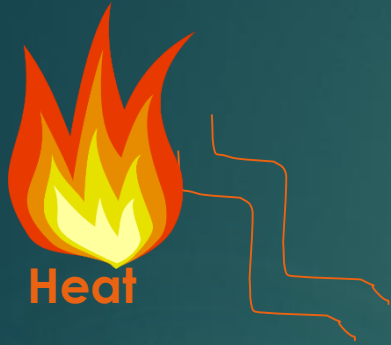


: Consist of many input output peripherals which collects data from sensors and store in its memory

They can also control and trigger things

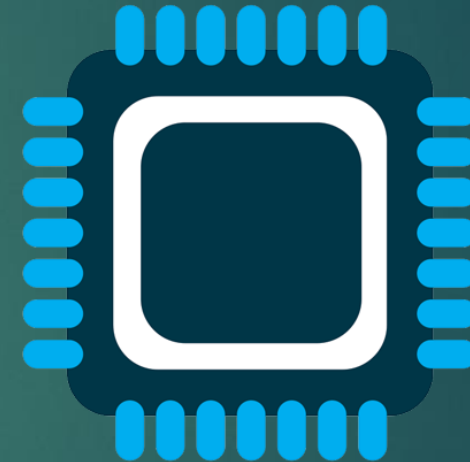
# Elements in IoT?

## 3. How the data is collected?



LM35  
(Temperature  
sensor)

Electric Signal  
(Voltage / Current)



Microcontroller

# Elements in IoT?

4. Who store data for global access?

## Cloud



A remote database, can accessed globally



Google Drive

# Elements in IoT?

5. Who sends data to the cloud?

## Gateway Device



acts as a "gate" between two networks

Works on communication protocols such as



GPRS



Wi-Fi

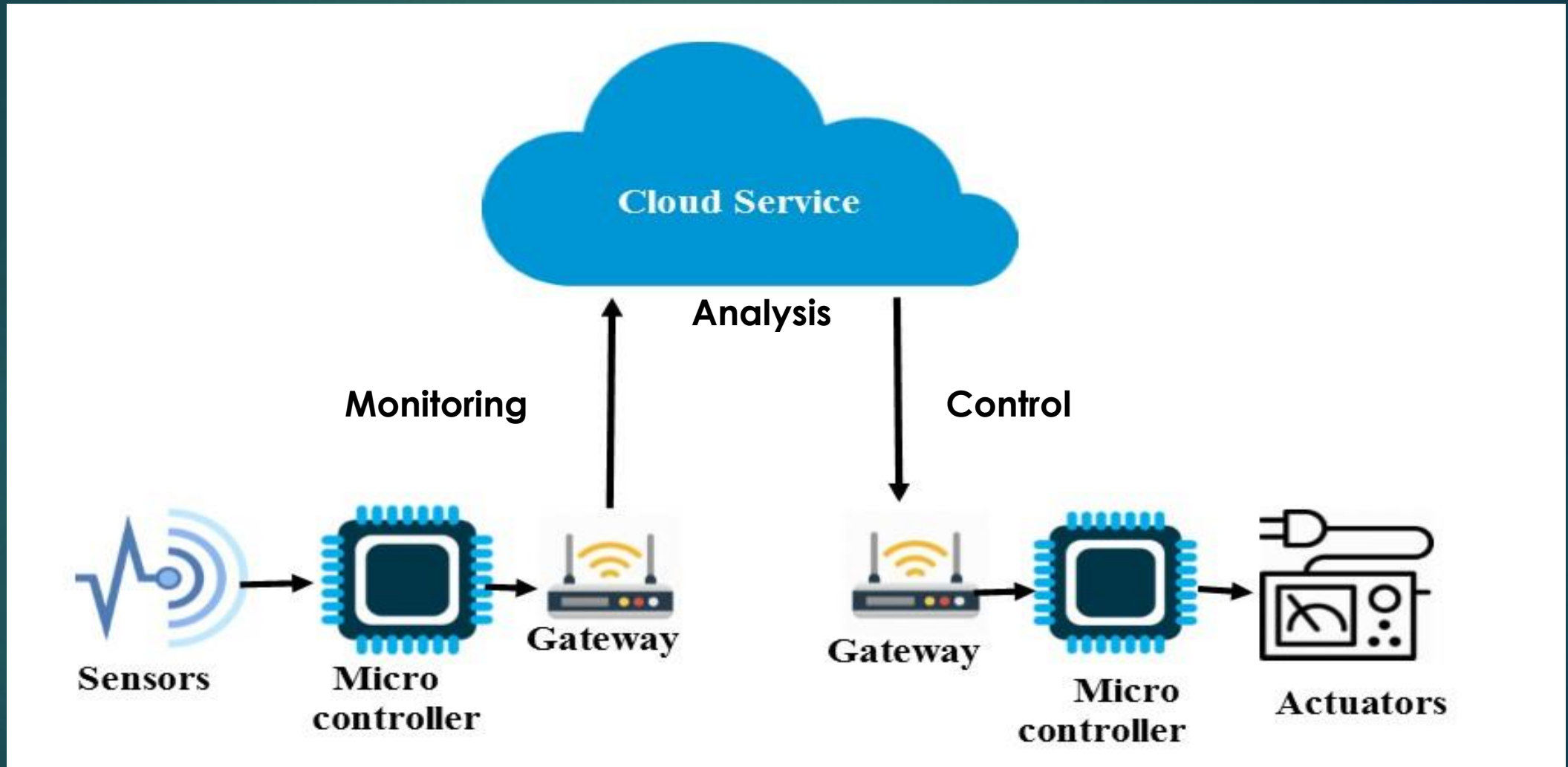


Zigbee



Ethernet

# General Block Diagram of IoT





## 4. What is Structure of IoT?

# General Block Diagram