The term “The Internet of Things” was coined by Kevin Ashton in a presentation to Proctor & Gamble in 1999.

IoT stand for Internet of Things. It refers to the network of physical objects that involve IP addresses for connectivity, and the communication that occurs between these objects and other Internet-enabled devices and systems.

Or we can say Internet of Things is simply a network of Internet connected objects able to collect and exchange data.” In a simple way to put it, You have “things” that sense and collect data and send it to the internet.

An IoT system consists of sensors/devices which “talk” to the cloud through some kind of connectivity. Once the data gets to the cloud, software processes it and then might decide to perform an action, such as sending an alert or automatically adjusting the sensors/devices without the need for the user.

The Internet of things (IoT) is the extension of Internet connectivity into physical devices and everyday objects.

In 2018 aprrox 23.14 Billion devices are IOT connected devices.

Some of the examples of IOT:

- Smart TVs,
- Smart speakers,
- Toys,

- Wearables and smart appliances
- GPS in Mobile phones
- Smart traffic signals

Basic devices used in IOT:

- Wireless sensors, software,
- actuators, and computer devices.
- Internet devices
- Connectors

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