

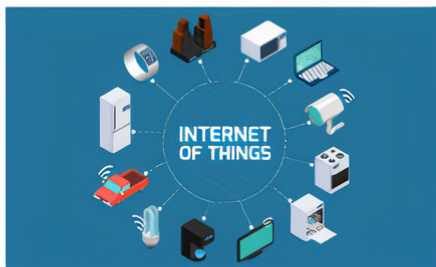
# Internet of Things (IoT) : Changing the way things work



## INTRODUCTION



- Internet of Things (IoT) is a network of physical objects or people called "things" that are embedded with software, electronics, network, and sensors that allows these objects to collect and exchange data
- Allows objects to be controlled remotely across existing network infrastructure
- Is a very good and intelligent technique which reduces human effort as well as easy access to physical devices



## DESCRIPTION OF IOT

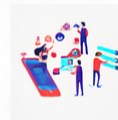


### Importance



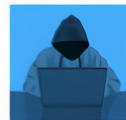
- Allows businesses to automate operations and save money on manpower
- Eases daily life and increases efficiency

### Advantages



- Ability to access information from anywhere at any time on any device
- Improved communication between connected electronic devices

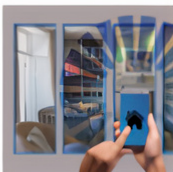
### Disadvantages



- As the number of linked devices grows and more information is shared between them, the risk of a hacker stealing personal data grows
- If the system has a flaw, every linked device will most likely get corrupted



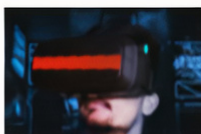
## EXAMPLE



Home Security systems that protects home from intruders such as SimpliSafe and ADT



Activity trackers designed to monitor and transmit key health indicators in real time such as Apple Watch and Xiaomi Mi Band



Augmented Reality Glasses allows information to be presented within the lenses of the glasses such as Google Glass



## REFLECTION



IoT as a whole is about reinventing the way your entire business functions and grows, not just investing in new technology and tools to boost industrial efficiency



I believe that IoT is one of the most important technologies of everyday life as it helps people live and work smarter, not harder. It also allows us to gain control of our own lives



Learning about IoT motivates me to study harder in the course I am pursuing so that in the future, I am able to come up with new ideas on how to do things more efficiently using technology