



Overview of IoT and its Application

LECTURE 1

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Agenda

- *What is IoT?*
- *Components of IoT?*
- *Examples in everyday life*
- *Routine with IoT*
- *Application of IoT*



What is IoT?

- COINED BY: Kevin Ashton, 1999

MAN TO
MACHINE



MACHINE TO
MACHINE

- Access the devices through a smartphone or through a computer



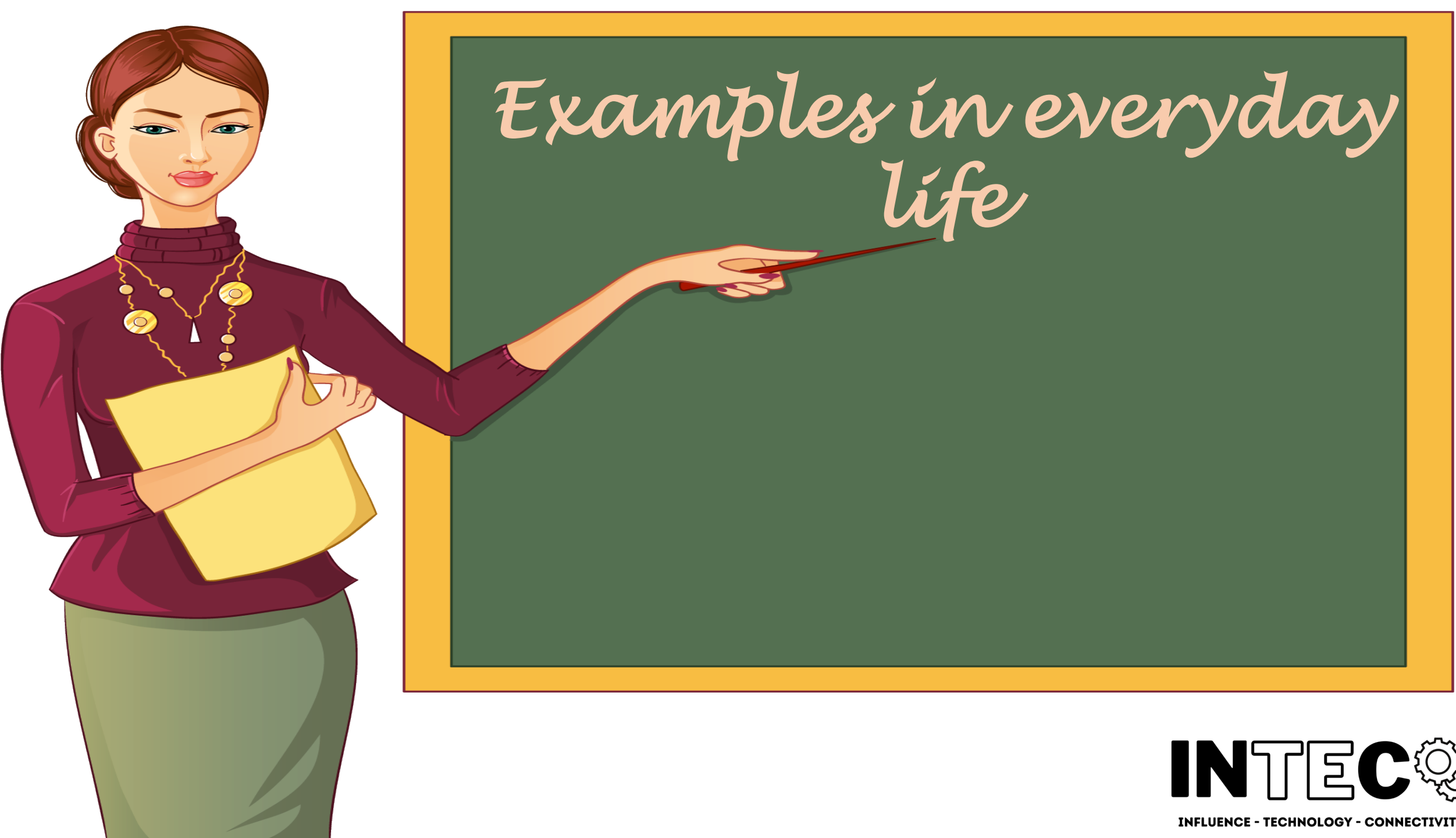
Components of IoT?

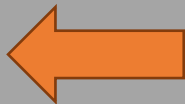
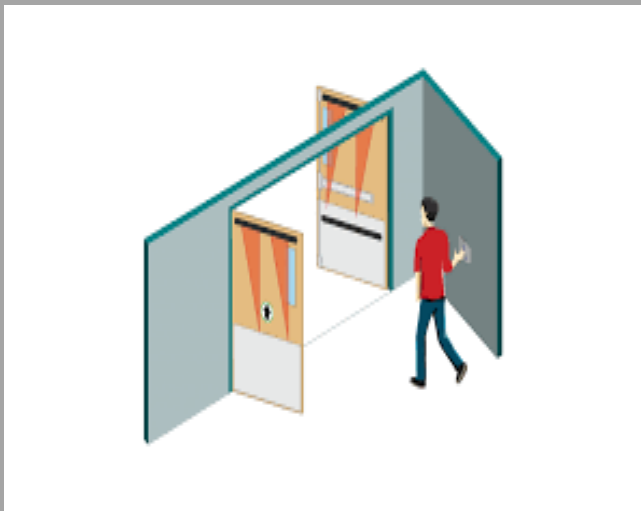
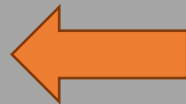
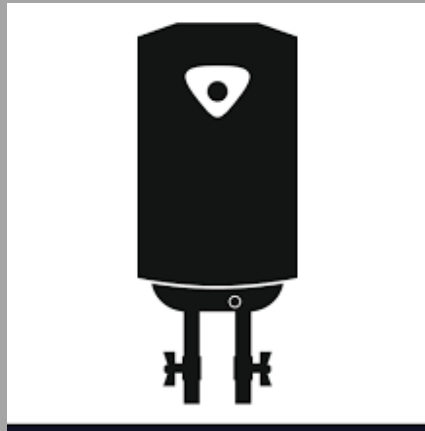
*Cloud Processing
and storage*

Internet

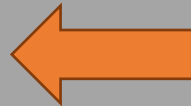
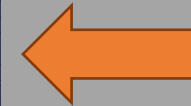
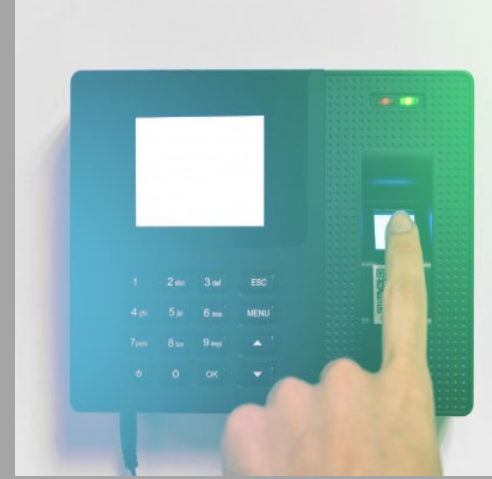
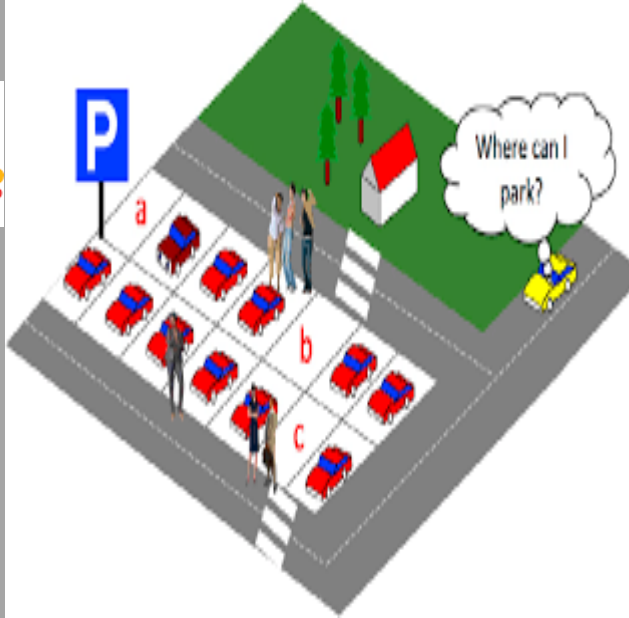
*Local Processing
and storage*

Sensors





Routine With IOT



IOT Applications and Usecases

1

Smart home

Wearables

2

7

Connected Health

6

Connected car

3

Smart City

4

Smart grids

9

Smart Supply Chain

8

Smart Retail

5

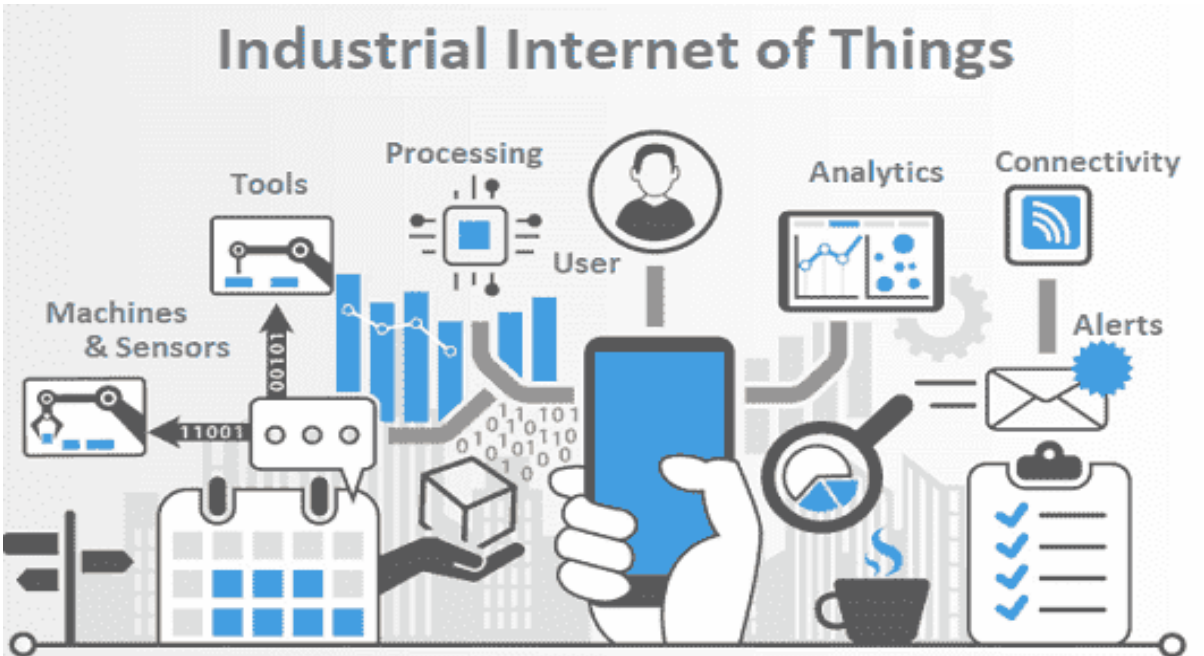
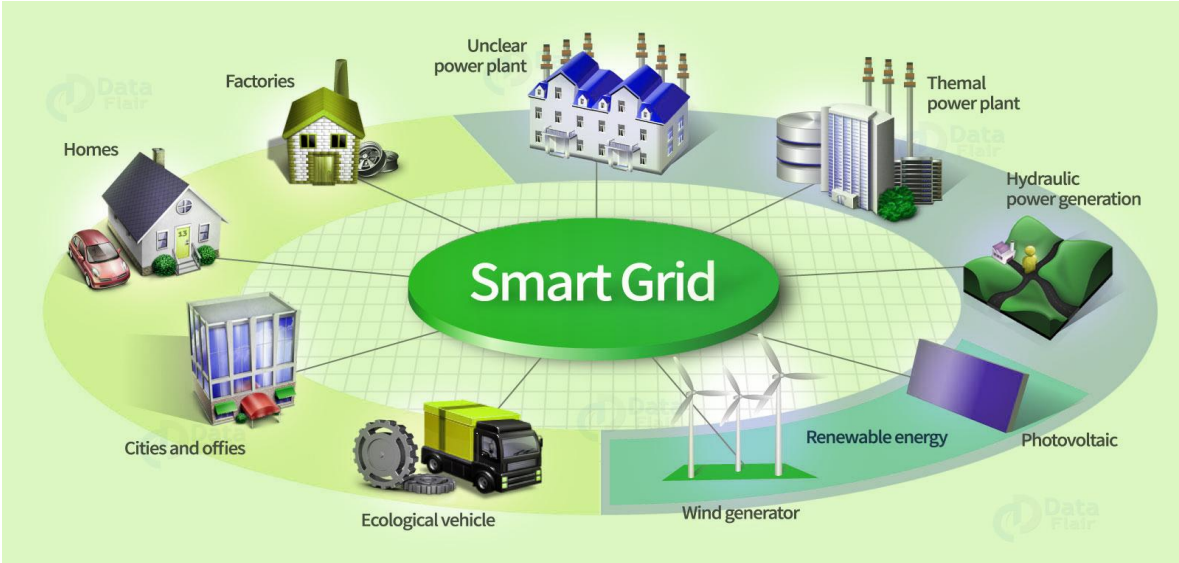
Industrial internet

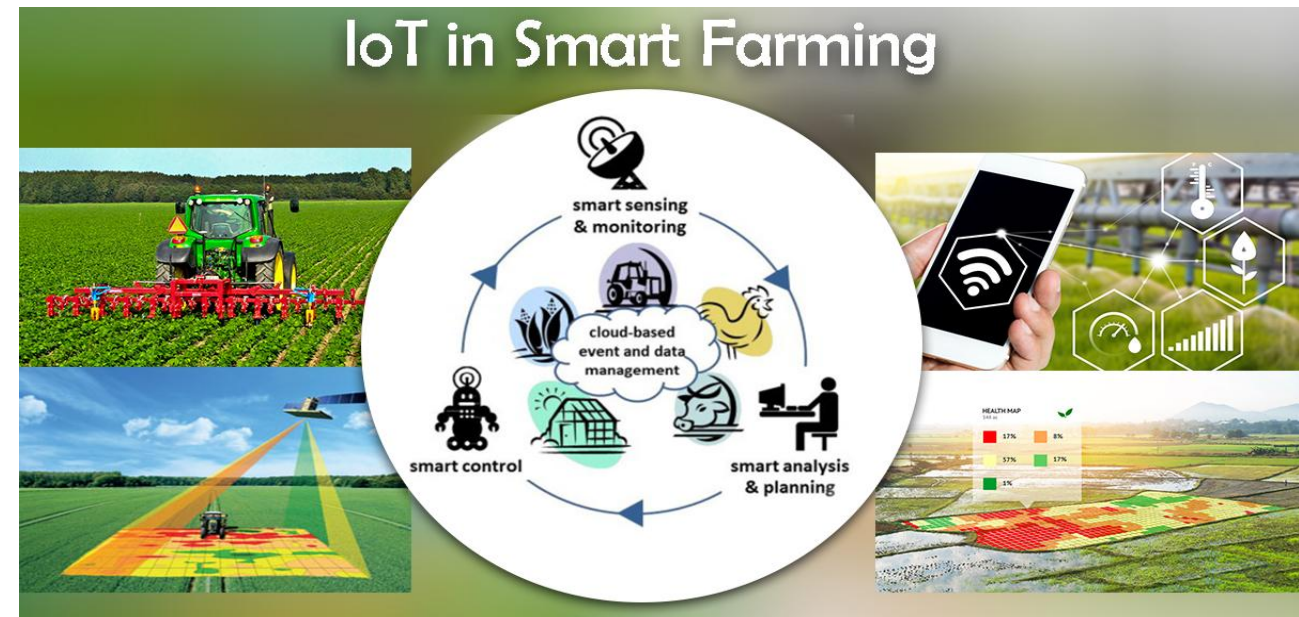
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Smart Farming

INTEC 

INFLUENCE - TECHNOLOGY - CONNECTIVITY





INFLUENCE - TECHNOLOGY - CONNECTIVITY

