

Data and Information

Data → Process → Information

Fruits

Cut and mix fruits
and add ingredients

Fruits salad



What is data?

- Data is a raw and unorganized fact that required to be processed to make it meaningful.

What is information?

- Information is, a set of data which is processed meaningful way according to the given requirement.

Data vs Information

DATA	INFORMATION
Unprocessed raw data	Processed and meaningful
Has no meaning	Has a meaning
Can't use for decision making	Use for decision making
Just numbers and text	Summarized , organized and analyzed data

Qualities of information

- Accuracy – Ensure correct input and process rules
- Completeness – include all data
- Trustworthy – Do not hide unpleasant information
- Timeliness – Give at right time
- Up to date – Include all data up to present time
- Relevant – Understand user needs
- Brief – Summarize relevant information

E-Government Services

- G 2 C - Government to citizen
- G 2 G - Government to government
- G 2 B - Government to business
- G 2 E - Government to employee

Learning Management System (LMS)

A learning management system (LMS) is a software application or web-based technology used to plan, implement and assess a specific learning process.

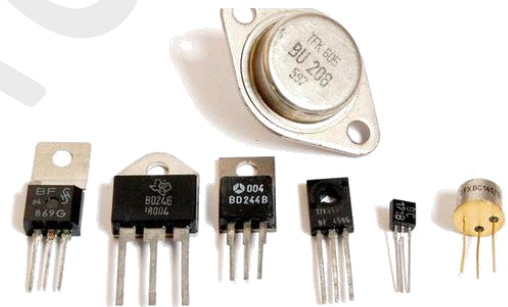


Evolution of the Computer

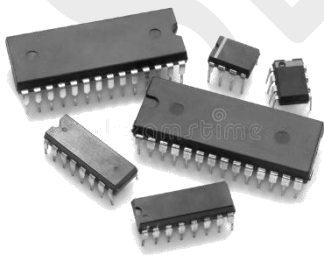
Blaise Pascal	-	Adding Machine
Gottfried Wilhelm Von Leibnitz	-	Adding Machine with multiplication and division
Joseph Jacquard	-	Mechanical loom using Punch Card System.
Charles Babbage (Father of Computing)	-	Analytical Engine
Madam Ada Augusta Lovelace	-	First programmer



Vacuum Tubes



Transistors



**Integrated Circuits
(IC)**



**LSIC (Large Scale Integrated
Circuits)**

**VLSIC (Very Large Scale
Integrated Circuits)**

Questions

SLGURU.LK