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ASSIGNMENT

Q. Differentiate between data and information

Ans:

Data: Unprocessed facts that are recorded.

Information: Processed Data is called Information.

Sr. no	DATA	INFORMATION
1	Data are the variables that help to develop ideas/conclusions.	Information is meaningful data.
2	Data are text and numerical values.	Information is refined form of actual data.
3	Data doesn't rely on Information.	While Information relies on Data.
4	Bits and Bytes are the measuring unit of data.	Information is measured in meaningful units like time, quantity, etc.
5	Data can be easily structured as the following: 1.Tabular data 2.Graph 3.Data tree	Information can also be structured as the following: 1. Language 2. Ideas 3. Thoughts
6	Data does not have any specific purpose	Information carries a meaning that has been assigned by interpreting data.
7	It is low-level knowledge.	It is the second level of knowledge.
8	Data does not directly helps in decision making.	Information directly helps in decision making.
9	Data is collection of facts, which it self have no meaning.	Information puts those facts into context.
10	Example of data is student test score.	Example of information is average score of class that is derived from given data.