

Introduction to Data Communications

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1 What is Data ?

Data refers to **raw facts**

2 What is Information ?

Information is **processed data** enables us to take decisions.

3 What is Data Communications ?

Data Communications is the **Process of communicating information in binary form between two parts.**

Also called Digital Communications. And Computer Communications.

Because most of information interchanged between computers.

4 Data Types

- **Text :** Sequence of symbols represented in specific language , converted to binary form from 0s and 1s.
- **Number :** Represented using binary form , not represented in ASCII code but converted to binary form.
- **Image :** Made of pixels
- **Audio :** Refers to sound or music , Continuous not discrete.
- **Video :** Representations of images (called frames) in time.

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