#### 1. Intro, Basic Terms

05 August 2024 10:00

## DATA VS INFORMATION

#### Data

Information

· Rew facts

- Processed data is information
- · Based on succords, observations etc
- · Unorganised

## TYPES OF DATA

Unitructured: Raw, unorganised

Semi-structured: Not in detabase but has some organisational properties

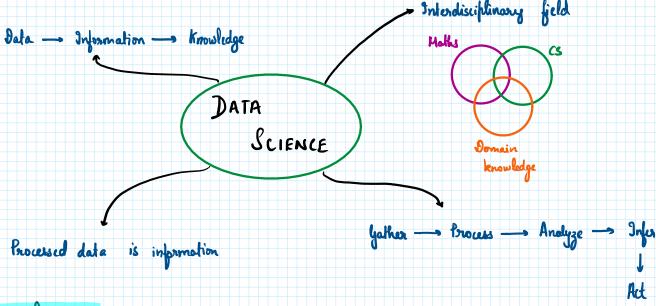
Structured: Fined files, organised

# AIM OF DATA SCIENCE

Explore: Identifying patterns in now data

Infor: Quantify what is bount from data

Predict: Estimate future transls



# STATISTICAL ANALYSIS

Make inferences about population from a smaller sample Population: Entire collection of objects / outcomes undergoing analysis Sample. Subset of population that represents it for analysis

60: Standerad

