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Basics of Statistics& Types of Data

Math for Machine Learning



Basics of Statistics

- 1. Why we need Statistics?
- 2. Applications of Statistics
- 3. Types of Data



Why we need Statistics?

Statistics is a tool that helps us to extract information & Knowledge from data



Who is the best Batsman in the world in the time period 2010 to 2020?



Few Applications of Statistics





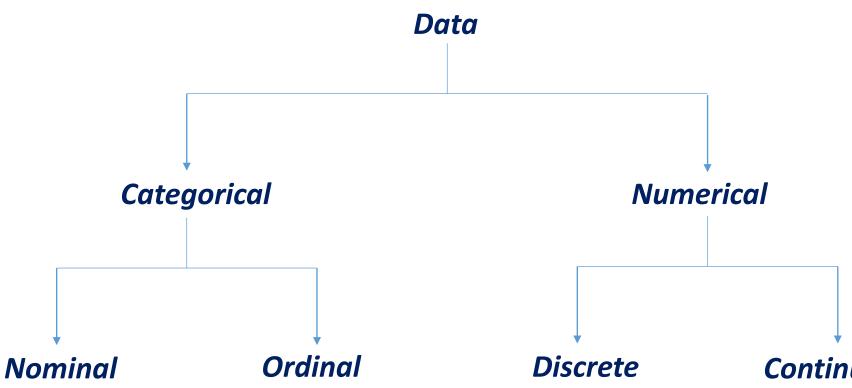
Business





Clinical Trial of Medicines

Types of Data



Nominal data is a classification of categorical variables, that do not provide any quantitative value.

Ordinal data are the type of data in which the values follow a natural order.

Discrete Data are the type of data that can only take certain values.

Continuous

Continuous data can have almost any numeric value. Unlike Discrete data, they can have decimal values.