Topic: Statistics

Statistics

Statistics is defined as Numerical science

* collection of data
* Organization
* Analysis
* Interpertation
* presentation

Types of statistics

There are two type of statistics
* Discreptive Statistics
* Inferential statistics

Discreptive Statistics

It is discripe about the data
* Measure of central tendency
  → mean
  → median
  → Mode

* Measure of dispersion
  → Standard deviation
  → variance
  → range

Inferential statistics

Inferential statistics is defined as
conclusion Based on the evidence and
Reasoning [hypothesis testing]

Hypothesis testing

* x) Z-test
* *) t-test [Dependend, Indipendend]
* x) ANOVA [one way, Two way]
* x) ANCOVA
* x) Chi square
* x) co-relation
* x) co-venience

Parametric test	NON parametric test
1. Z-test	1. Chi Square
2. HRBHA t-test	2.
3. ANOVA	
4. ANCOVA	