Introduction to Statistics
Statistics Application
<u>Descriptine</u> <u>Inferentia</u>
> Central tendency  > Dispursion  > Symmetricity  > Pat  -> Cdt  * CTL  Statishical test
Definition : Statistics is a mathematical science including
methods of collecting, Organizing and analysing date in such a way that
analysing date in a such a why flat
them.
Why statistics in date Science!
DS/ML -> We try to learn battern in data
* date :> facts or pieces of information that can be stored, measured and re-accessed.
Stored, measured and re-accused.
* data is used to bring
)
source of date on veniently. Company's revenue.
to the second of
Ly ported Ly detabase Ly finding insights
Survey of Second
Tools like bandas,
S directly from cushness notflotlib.
through roiting & sevients.  Seaborn and so on

framples - scores made by Virat Kohli in T-20 woorld cup - 74] > Bunrah & conomy rate > Robit Sharma fu +20. > Demand of a forduct for an ecomune site. > Height of students in the class. Motivation user of statistus D Weather forecast. @ Sports Analytics -> HS, SR, MIN. B Election Campaign 9 FMC4 C-Commerce. (S) medical | genetics | pharmacential. Types of Statistics 2 Inferential Statistics Descriptive Statistics Describe Inference -> You can not Deft - It counists of count no of trees Organizing and summarising of a jungle -> you can not go to the complete date population. Judia to record their weights 9. How good Robit Sharma is as a cricketer? Inferential State R.S -> All the match Scores Def H consists of of his entire Career Using Sample date Hat and then calculate Avg score. has been measure (4,5,0, --. 264 --- ] about a population -> with given sample date cen une wichde something about papulation



