STATISTICS

TOPICS

- (1) SAMPLE
- 2) POPULATION

WHY STA75?

Discipline consists of

- -) COLLECTION
- DORGANISATION
- -> ANALYSUS
- -> INTERPRETATION
- -> PRESENTATION

(2 TYPES

of DATA.

- 3 MEAN, MEDIAN, MODE
 - STANDARD DEVIATION
 - S VARIATION / VARIANCE
 - 6) IQR-) Inter Quartile rouge
 - (1) Central Limit Theorem
 - (8) 2-Score
 - 9 P-Volue, Significance volue
 - To Probability

Descriptive Stats

-> Analyze, Sum modize dota

Central -> Moon, Median, Made Condany -> SKEWNESS. KURTOSI

-D SKEWNESS KURTOSIS & SMAPE -D PLOTS -D BAR, MISTOGRAM, PIE etc.

> POF -> Prob. Density Gunstian

-> COF > Cumulative Density function

DISPERSION -> 5.0, varionce, Ronge

INFERENTIOL STATS -> Inferencing some into from the entire population -> we take some somple and do EDA to get Informe & Conclusion - SAMPLIES TECHMQUES 02/10/2024 Z 5688e Stondord Score LINEAR REGRESSION Normal Diest Q-2 pld, Authors - Probobility - Somple Dist - Central Limit Theorem

- Margin of Expor

- 5 Stoprytonce Level

-> Confiberce Level

- Mull Mypo Herrs,

) Type-1, type-11 Exxox s Emen Reg Correlotron, Residuals

SAMPLIN G

- -> RANDOM
- -D STRATIFIED
- CLUSTERING
- -) SYSTEMATIC

25/

Rersons

Rersons

SAMPLES Day (M) Q Somples

> SAMPLES -> RANDOM -> T RATIFIED

-> Computer science
-> OBMS
-> O.S.
-> O.S. A
-> O.S. A
-> MATHS
-> STATS
-> ML & O.S
-> VISUALIZATIONS

-> PATA ANDLYSIS.