•	Harnessing Data	15-Jdy.2025
	Havnessing Data - slops involved in Descriptive Statestics 1. Calleding the olding	Tues day
	2 'Presenting the data (Using modplib/sedoor	Ove
	3. Samoaning the dala	
	-Making samse of the data	
	A earple cobido is character than the popular contrologal set so ordendos sonos sonos onos	ation should
	Dance some dogracifalistics as the population	
	Sampling and be:	
	· coith replacements: a manabar of the population m	say be chose
	may down acro	
	, coupport ubjacases; a warper of the babaja	spion was po
	contract replacements: a marcher of the popular	

- Collocting the Dala.

elep 1: Delice the object or aim of the experiment is. Estimate the average like of electronic composent

stop 2: Define the variable and population of listed is used population of listed

Stop 3: Deliving the dela collections subana and dela mossaring extreme

ie. sanspling Procedure, sansple siza, dala measuring

Stat: Delvoing thos appropriate descriptive and industrial analysis techniques.

- Methode used to collect data.

Experiment: The investigator costate or madifice the environment

b coldispop at the some enigence ad boardades one of the population of temporal sources and is produced to the population of the populatio

Comes: A 100% Survey, Every alamost of the papellation is listed Soldom coad: difficult and the commung to compile, and expansive

densed in a population has a certain probability of bong schedul as port of the sample.

-Types of Sampling Type of Sampling Design Probability Surpling Non-Robability Sampling Single landom Shalihird Rondon Salamer (Radar Rendom) Multi-slage Rodom Sampling Sampling Rodom Comply - Robability Sampling. 1. Simple Random Sampling: Evay mendour of the population has an equal change of being salected. Salection is done completely and random. · Example: You have a list of 1,000 people. You pick oway 10th Process (10,20,30,...) after starting from a gardons number · Example: You have a class of 100 estudents. You randomly Pick 10 names citing a random number generator, 2. Systemadic Sampling You saled marshas hons a population of regular Example. You have a lied of loss people. You pick every 10th peopler (10,20,30). after starting from a rousdom number, say 6.

3. Stratified Sampling

The populations is divided into subgrapes (Italia) bosed on shored characteristics, and you randondy sample from each subgroup,

Example: bu would to survey employees is a company for divide than indo department (110, Tach. Sodes) and their randomly soded a few from ead department

4. auster Sampling

Las sold of a bould of act board of act of a control of act of a control of a contr

Example:

You would to survey established across Kerdo You radondy solect 3 Schools (dushas) and Sarvay all studioses in those 3 schools

5. Multi-etage Sampling,

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adtos quilquas besititable so espone ud beau lot

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Step1: Rosdondy doose 5 districts in Karda (itale)
slep2: From each district, randomly solved 3 schools (sloge?)
slep3: From each school, randomly doose 10 stepped to survey
(stoge 3).

_Non-Rabability Sampling methods

1. (assessions sampling.

Pick aborais essied to reads.

2. Judgmental / Ruposine, sampling.
Pick people based on your judgment or purpose

3. Snowball Sampling.

Essides ported for solicities entired subjects.
Grad for biddes/sold-to-roach populations.
Grad for biddes/sold-to-roach populations.
Granple: You instruct drug uses

the refer you to other

4. Quota Sampling.

You divide your populations into groups and has a ford runder from each group.

Grace roposastation of groups.