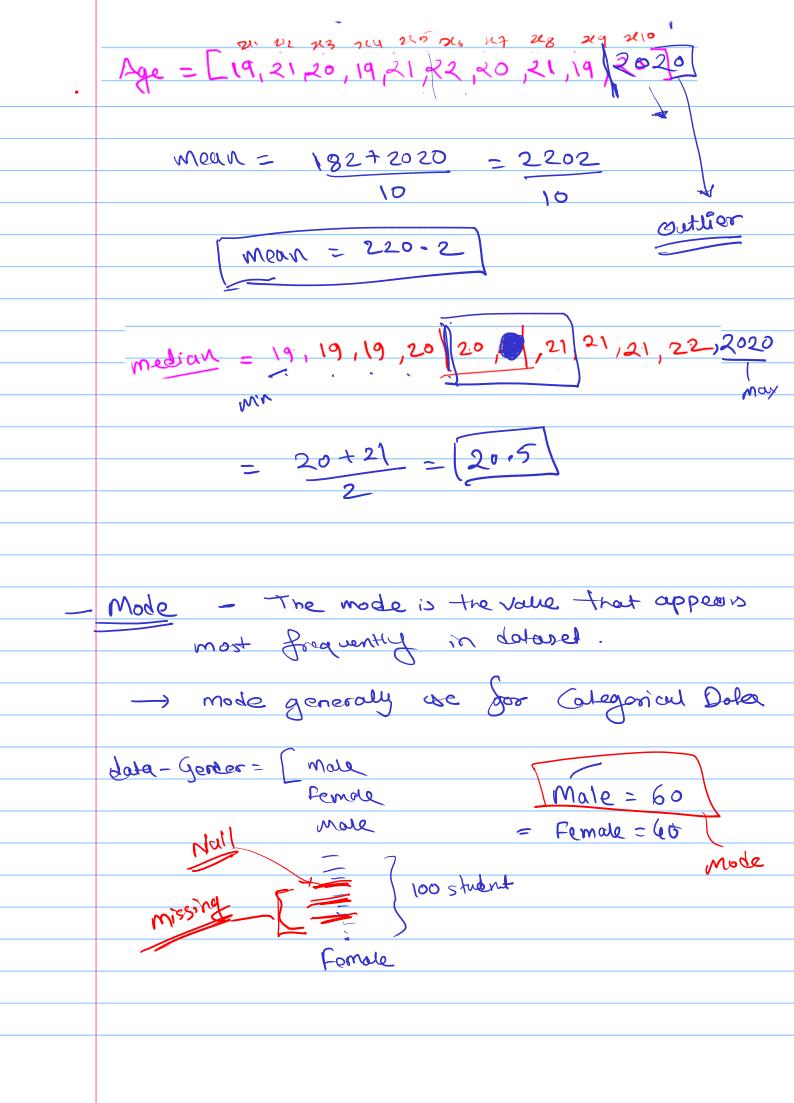
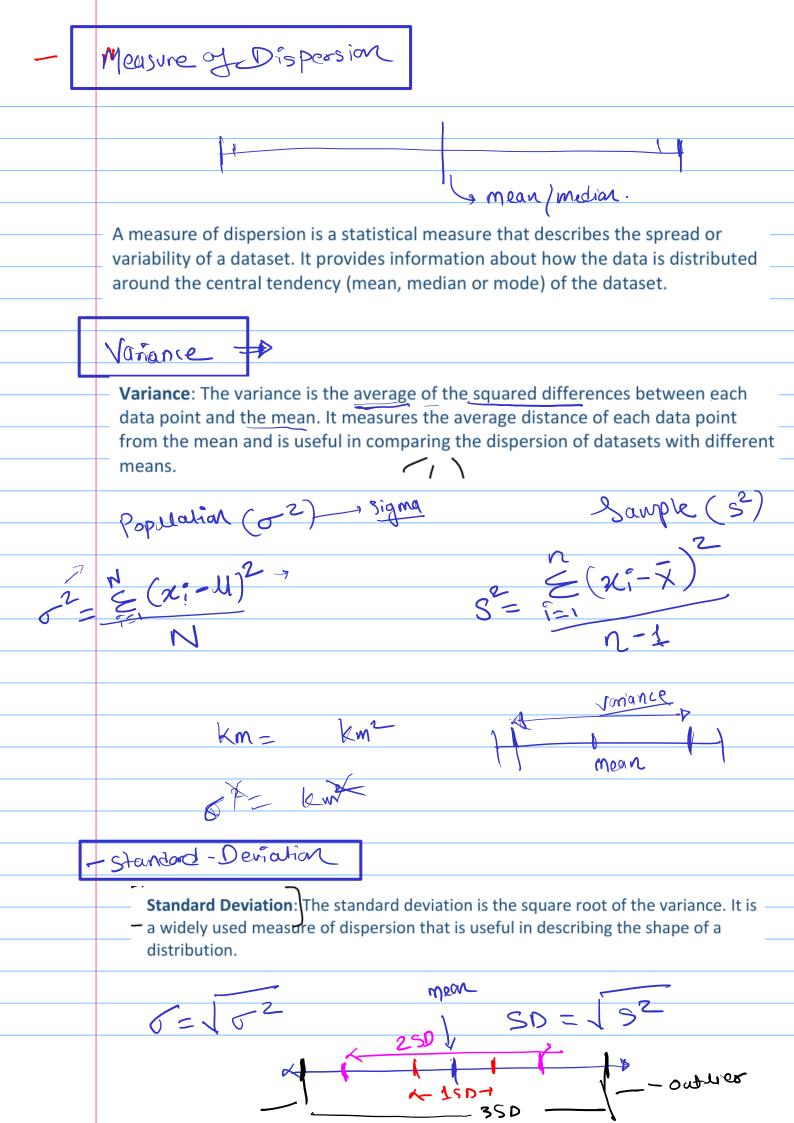
_	
	Statistical Measures
ſ	Measure of Central Tendency
t	
	neasure of central tendency is a statistical measure that represents <u>a typical or</u> ntral value for a dataset. It provides a summary of the data by identifying a
	gle value that is most representative of the dataset as a whole.
	Von A
	mean
	- Median
	- Mode.
	moon = moon = the sum of all value to determ
	Mean - mean is the sum of all values in dates.
	GIVILLO 154 TICKTES .
	m 22 23 24 25
	$\frac{201}{401} = [1,2,3,4,5] = 1+2+3+4+5$
	5 = g√
	- 15 = 3
	5
	Sample Data Population Data. (N)
	Sample Mean Population Mean
	(\bar{x}) (u)
	$\mathcal{L} = \mathcal{L}_{1}^{2} = \mathcal{L}_{1}^{2} = \mathcal{L}_{1}^{2} + \mathcal{L}_{2}^{2} + \mathcal{L}_{3}^{2}$ $= \mathcal{L}_{1}^{2} = \mathcal{L}_{1}^{2} = \mathcal{L}_{1}^{2} + \mathcal{L}_{2}^{2} + \mathcal{L}_{3}^{2}$ $= \mathcal{L}_{2}^{2} = \mathcal{L}_{3}^{2} = \mathcal{L}_{1}^{2} = \mathcal{L}_{2}^{2} + \mathcal{L}_{3}^{2} = \mathcal{L}_{3}^{2} + \mathcal{L}_{3}^{2} = \mathcal{L}_{3}$
-	$= \frac{1}{1-1}$
	1=1 N 5
	n

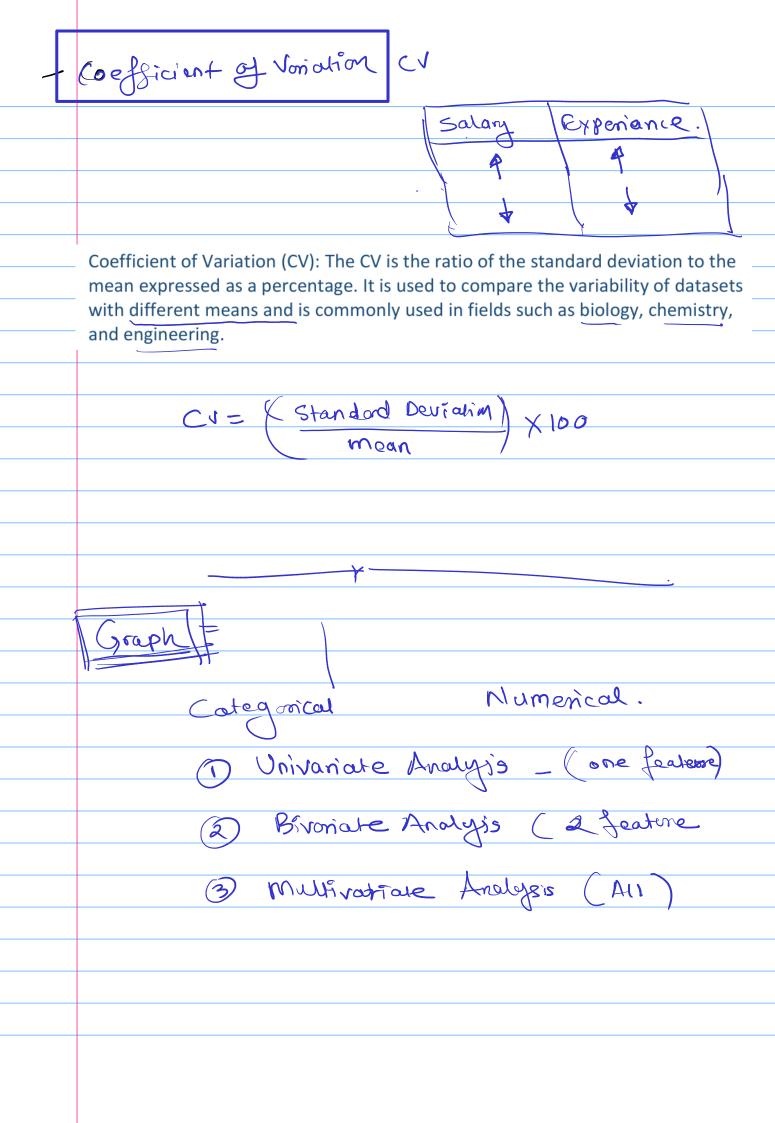
- Median &- The median is a middle value in the Lataret when the data is arranged in order Later = [6,4,3,1,5,2] G Sort - [1/2/3/4 5/6] $medion = \frac{3+4}{2} = 3.5$ = [1,2,3] 4,57 median - median is always Ronbust to outlier. ex - classon Age in BCA class Final year.

21 11 12 120, 19,21,22,20,21,19,20]

Age = [19,21,20,19,21,22,20,21,19,20] Mean = 19+21+20+19+21+22+20+21+19+20 = 202 | Mean = 20.2 |median = 19, 19, 19, 20 20, 20, 21, 21, 21, 22 = 20 + 20 = 20 [Median = 20]







Categorical Date

Course

others

L Frequency Distribution Table.

مد

15

	ex = 200 people Valation		BA	tr chart	
	Type of Vouc.	Frequency			
	Beaun	60	60		
	Cafy	(40	50]		
	Adventure	30	Jeg v		
	Nature	35	7º /		
	(vii se	20	20 /	77779	
	others	15	10		
		200		الم	
		200	Boul	and how with the	
		200	Board	and how on whose	
F				Die	
<u> </u>	Type of Vouc.	Frequency	Relative	pie	
<u> </u>	Type of Vacc.	Frequeny 60	Relative Pred 9.3	10/20 0/0	
	Beach City	Go Go	Relative Pred 0.3 0.2	40/200 pie	
	Type of Vacc.	Frequeny 60	Relative Pred 9.3	10/20 0/0	

Relative frequency is the proportion or percentage of a category in a dataset or sample. It is calculated by dividing the frequency of a category by the total number of observations in the dataset or sample.

Cumulative frequency is the running total of frequencies of a variable or category in a dataset or sample. It is calculated by adding up the frequencies of the current category and all previous categories in the dataset or sample.

