

134649 112

bins.

80.33 (random)

+ Variance falks about spread at an overall level.

* Spread & Vaniance 1

How to Calculate variance

- -> Calculate mean

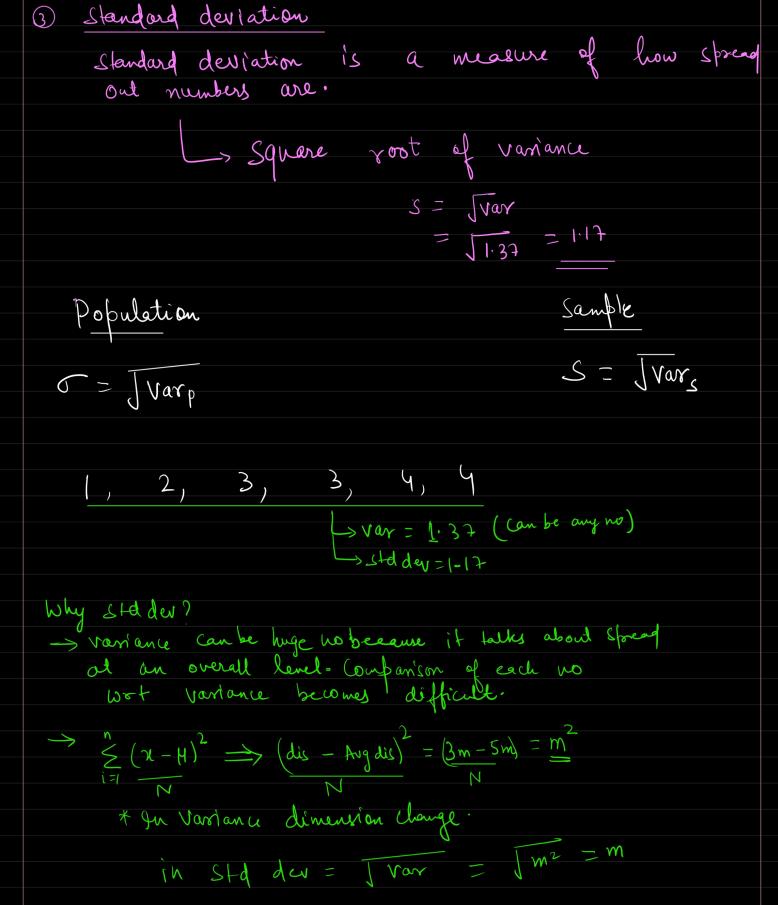
- → Calculate mean → For each no in data, Subtract the mean & the no → Square of difference → Calculate the avg of square of difference

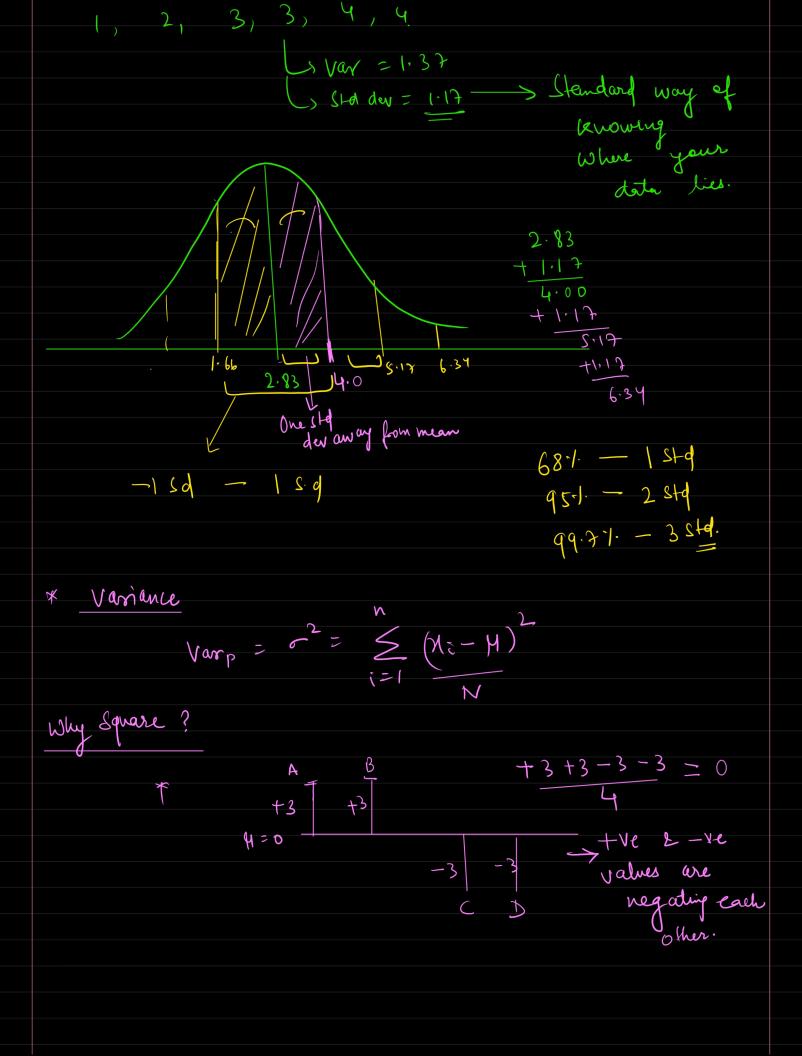
6.82 2.83

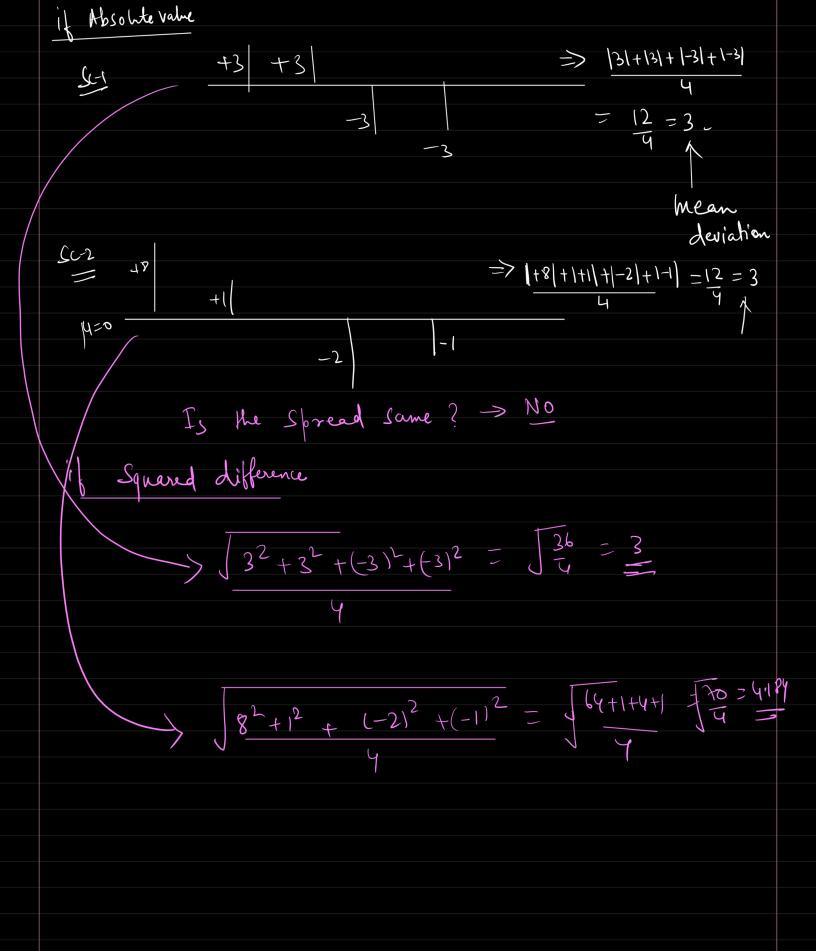
* Variance 1 Spread 1



Spread Var V







	* Man Call - (1) 2 Bessel Correction
	* Variance Sample = $\frac{\sum (x_i - \overline{x})^2}{y_{i-1}}$ Bessel correction Why?
	$\gamma - 1$
	Why you Calculate any statistic of sample? No access to complete population
	-> NO COURT - CARLETON
	110 weeks to complete (of
	the N is because
	the N is because
	C 11 mariana will
	sample vanance sugar
	Sample variance weill be unbiased estimator.
	-> Since no access to population,
	therefore we are a limiting
	therefore we are estimating the variance of Population
	The formal man and the formal ma
	Using sample
	a) mean will
	Sanfte men will lie here.
	T T
	n=4
	$(\chi - \chi)^2$ $(\chi - \mu)^2$
	$(\chi - \chi)$ $(\chi - \chi)^2 - (\chi - \chi)^2 = Var - (\chi - \chi)^2$
	reduced to $(\chi - \chi)$ $= Var$
	$(2-10)^2$ $\sim \sim \sim$
>	$(\chi - (4))$
	$\sum_{N} \lambda = \frac{10}{2} = 8$ of the case
	Jeu are
	2 = / (2/2) 2 reducing numerator.
	J = 2 (1-h)
	n-1-> Smaller