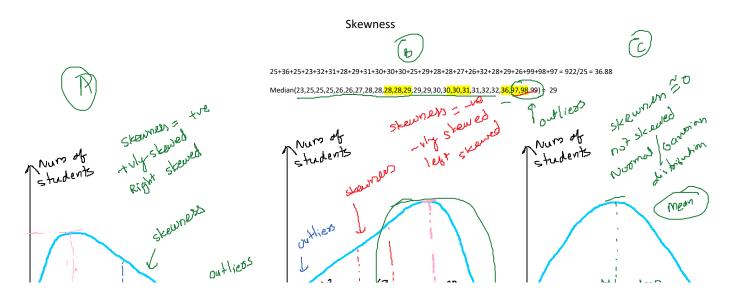
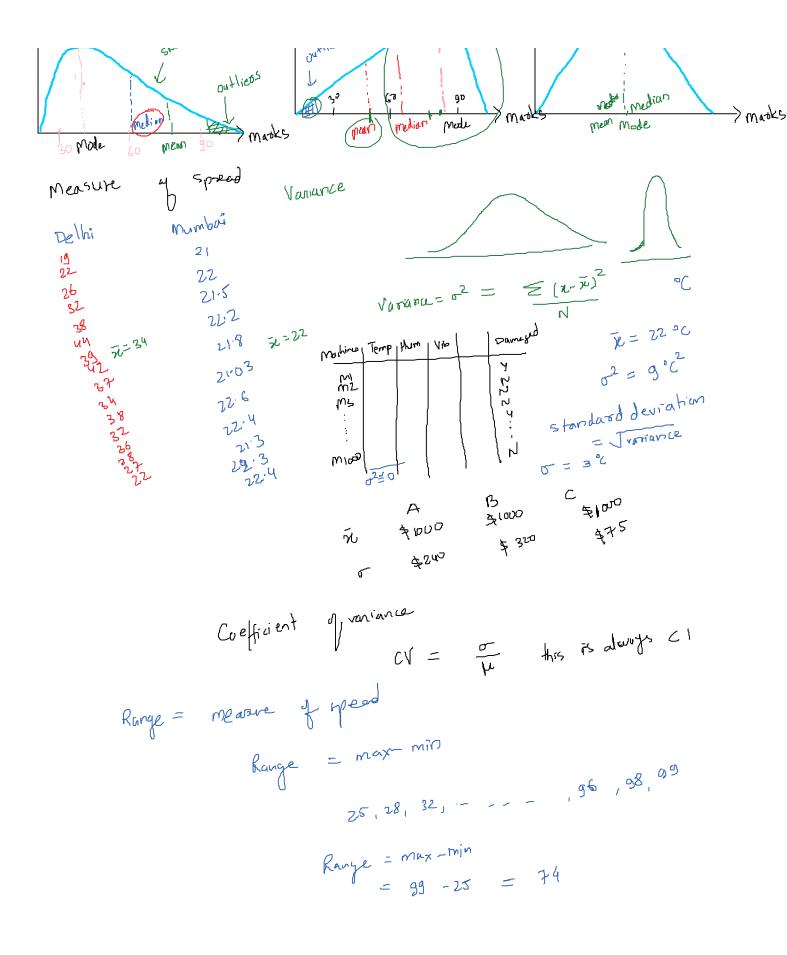
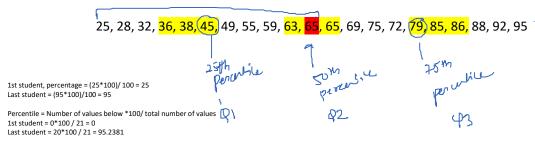


Type of variable

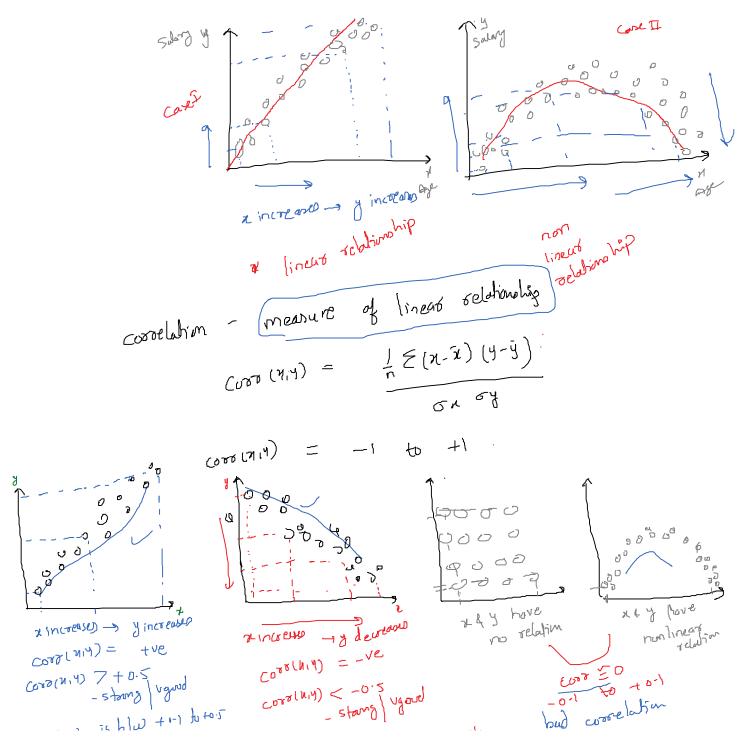
- Categoric
 - o Nominal Mode
 - o Ordinal Median
- Numeric
 - O Skewness skewed median
 - Not skewed mean







Student with marks 65 = 10*100/21 = 47.619



Corolling is blu + 1-1 to to.5 corolling) < -0.5 years weak significant with the significant weak significant weak significant with the significant was significant with the significant with the significant was significant with

bud worelation

A drug production company introduces a drug and claims that this drug can cure the disease in 15 days.

Your research company has to test the claim for this drug, after taking multiple samples on different patients below are number of days it took for them to get cured.

Days = [12,14,12,13,16,18,17,19,18,15,14,15,13,12,15,15,14,16,14,12,12]

پريموالا We need to test whether the claim by the company is correct or not, the business also says that out of tests they have done, 95% of the patients were cured with in 15 days.

Pop-mean = 15 ~ CI = 95%. Alpha = 1- CI = 1-0.95 = 0.05

0 = 1/N

We need to test whether the population mean (15) is similar to the sample mean of tests done on 20 patients.

Z test - when we know population standard deviation

- Used to compare population mean with sample mean

T test - when we do not know population standard deviation

- Used to compare population mean with sample mean