Statistics

Descriptive

- min(), max(), sum()

 cound(), overelge()
- Mean, Median, Mode
 No owlice Outlier Catesonical
 reportive

O Sprendness Measure

(i) Ranse = Max - Min

When min 2 max value same, fail

(ii) Interquartile Range = 033-91

Min g, g, g, Max



(A) Outlier Detection Using IRR:

= Q1-1.5 * IBR - 83+1.5 * IQR

=> High range/IBR voilige -> Higher spreadingss

When 03, Qi is same, IRR fuils.

(1) Variance = distance of each description from mean $1008 = \frac{1}{5} \frac{(d_1 - h) + (d_2 - M)^2 + - -}{100}$

Var = (valy e) 2

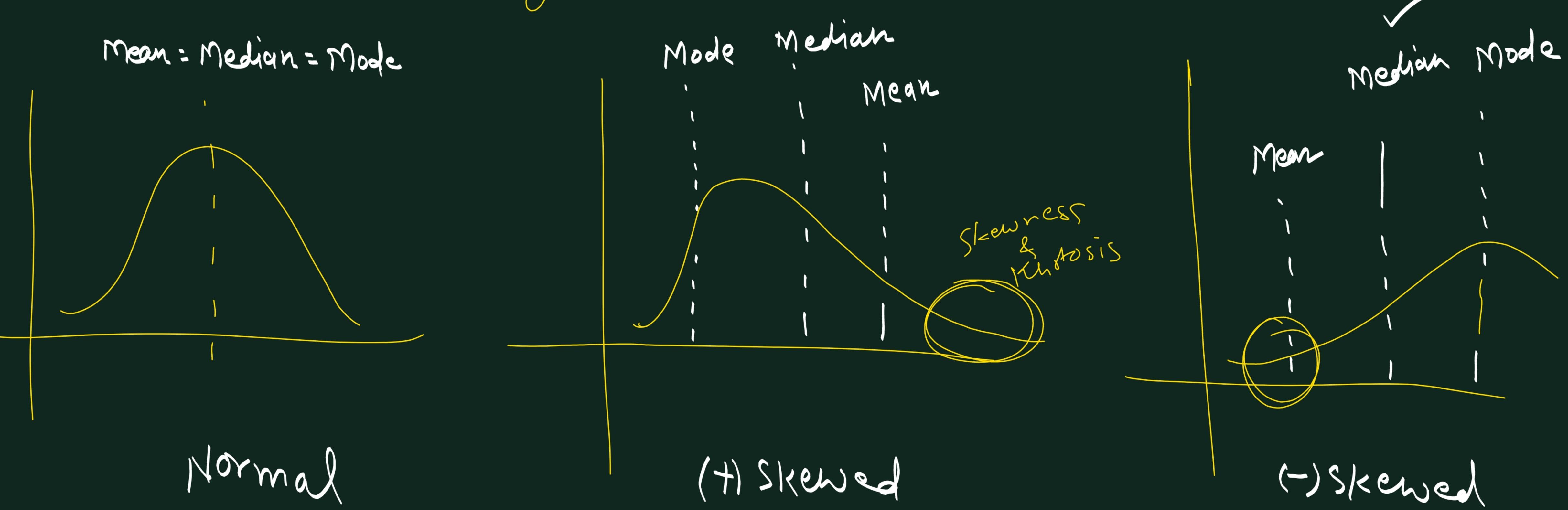
to convext this into similar units like data ()レン STD = / Vax

- valy

 $Var = (32)^2 m^2$ SHd = 32 m

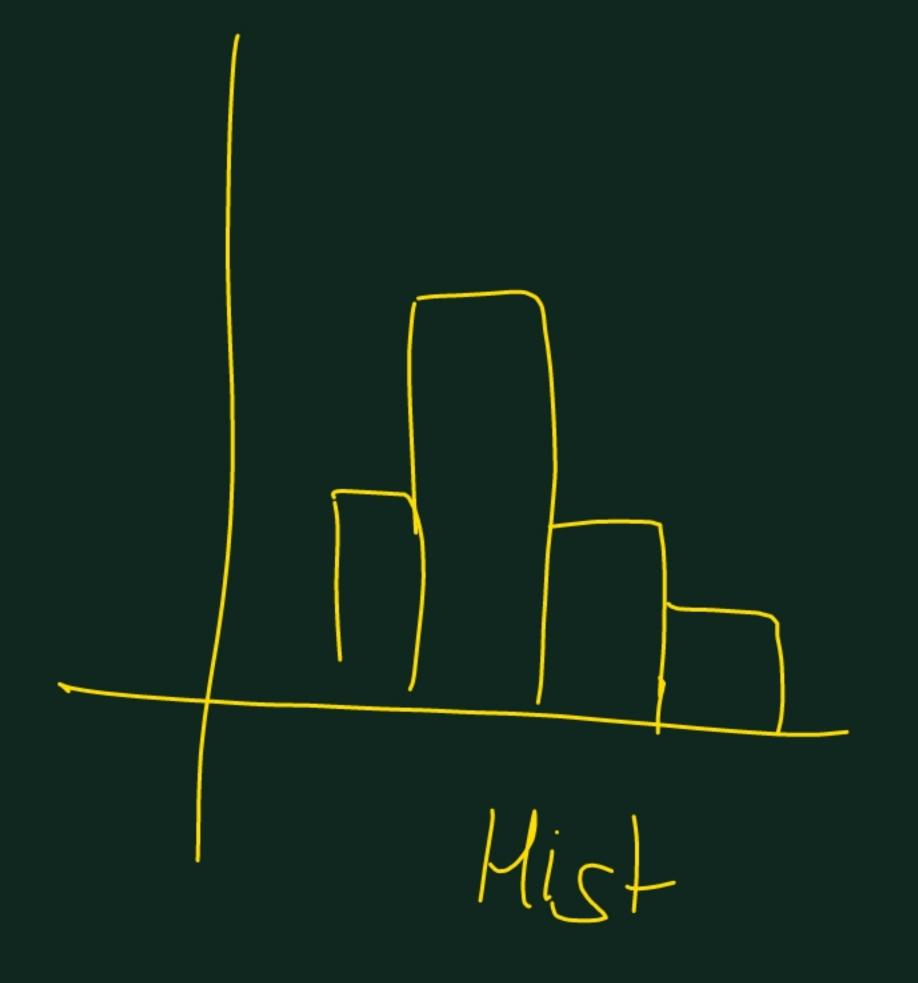
Shape Measure

- (1) Skewness = Direction of orthiers
- (ii) Kurtosis = Strength of toul/outliers



Relationship Mensuse

- Devaniance disochion
- 2) Correlation -> Strongth & direction



Visuals-to be used

- a) Histogram Data Distribution
- Boxplot Onthier
- O Scatterplot Relationship

