frequency distribution. mode = is the typical scenarior of the situation or the highest occurre. here in a histogram median = is the me in the middle truge: These 3 raidsles will desnibe the typical salary of a push In use of histogram consisting of abot of values. is a ronge of numbers and it lyes in between these ranges. \* each bar of histogram is called bin. \* Uniform distribution! have no mode Uniform distributions are represented by a line of histograms with 2 bell convex have 2 distinct modes.

mode changes from the rige of population hence for informatial analysis we use mean on the arrays.  $\overline{X}$  is mean average from an  $\overline{X} = \frac{8m \times}{2m} \Rightarrow M = \frac{2 \times X}{N}$  Sum samples entire population

Outlier: 200,300,250, 10,000
The outlier 10,000 will make This is a outlier, it will & average mis leading.

This is a outlier, it will & aken the results

median: the middle value, it is useful when data is in an order.

rownelly distributed data: the data is equally dist distributed on both the sides of the bell and.

mean=median = mode