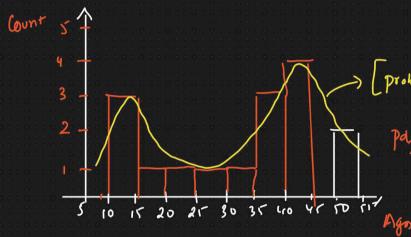
Skewness

Skewness is a statistical measure that describes Histograms And Skewners -> [Frequency] the asymmetry of the distribution of ranges the asymmetry of the distribution of ranges the distribution of ranges and the state of the asymmetry of the distribution of ranges and the state of the asymmetry of the distribution of ranges and the state of the asymmetry of the distribution of ranges and the state of th data points are concentrated more on one side of the mean than the other.

Ages = o (0,12,14, 18, 24, 26, 30,35, 36,37, 40,41, 42,48, 50,51)

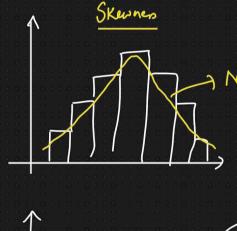
$$\frac{50}{10} = \boxed{5} \rightarrow bin size$$

$$\frac{Sy}{S}$$
 = 2.5 \rightarrow binsize



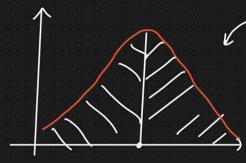
probability destribution function]

If if probabiling density functions



Normal Gaussian Dishbutin

Symmetrical Distribution



at the Conter

(1) No Skewnen

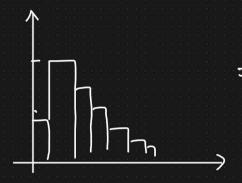
Box plot 01 Q3

The mign, midian, and mode all are perfectly

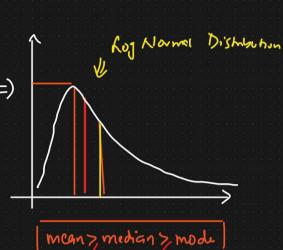
Q3-92 % Q2-Q1

Mean: Median: mode

2) Right skewed

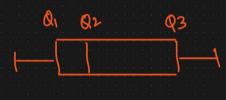


=) Positive Skewed =)

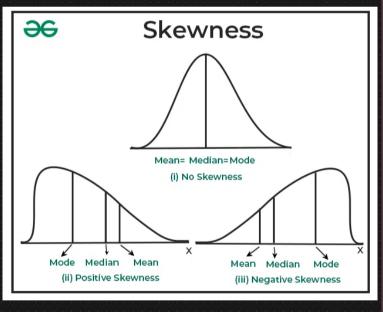


Relationship between Meen, Median, Mode

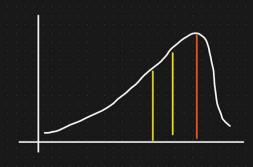
Box plot



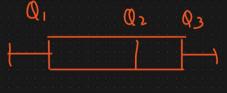
Q3-Q2 > Q2-Q1



3 Lyt Skewed Dishbution



=) Nigative Skiewed



O2-01 >, Q3-Q2

Relationship: meen ¿median ¿ mode