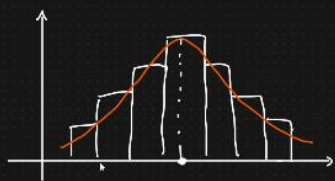



① Skewness



\Rightarrow Symmetrical Distribution

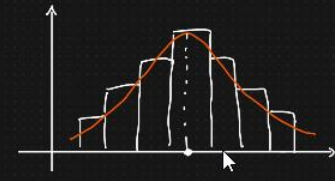
No skewness

The mean, median and mode all are perfectly at the center



PW SKILLS

① Skewness




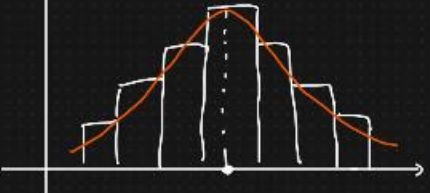
$Q_1 \quad Q_2 \quad Q_3$

$Q_3 - Q_2 \approx Q_2 - Q_1$

\Rightarrow Symmetrical Distribution

No skewness

The mean, median and mode all are perfectly at the center


$Q_3 - Q_2 \approx Q_2 - Q_1$
abioyeovafaye0955@gmail.com

\Rightarrow Symmetrical Distribution

\Rightarrow Normal / Gaussian Distribution

No skewness

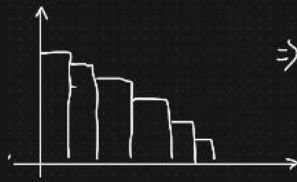
The mean, median and mode all are perfectly at the center



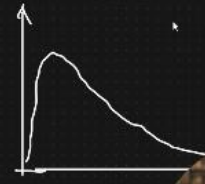
The mean, median and mode all are perfectly
at the center $\text{mean} = \text{median} = \text{mode}$

The mean, median and mode all are perfectly
at the center

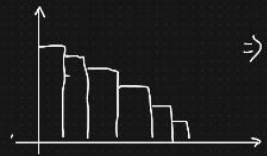
② Right Skewed



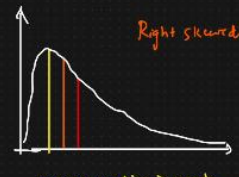
\Rightarrow Positive Skewed \Rightarrow



② Right Skewed



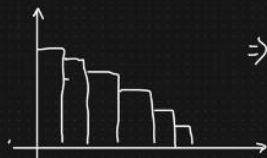
\Rightarrow Positive Skewed \Rightarrow



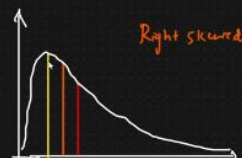
$$Q_3 - Q_2 > Q_2 - Q_1$$



② Right Skewed



\Rightarrow Positive Skewed \Rightarrow

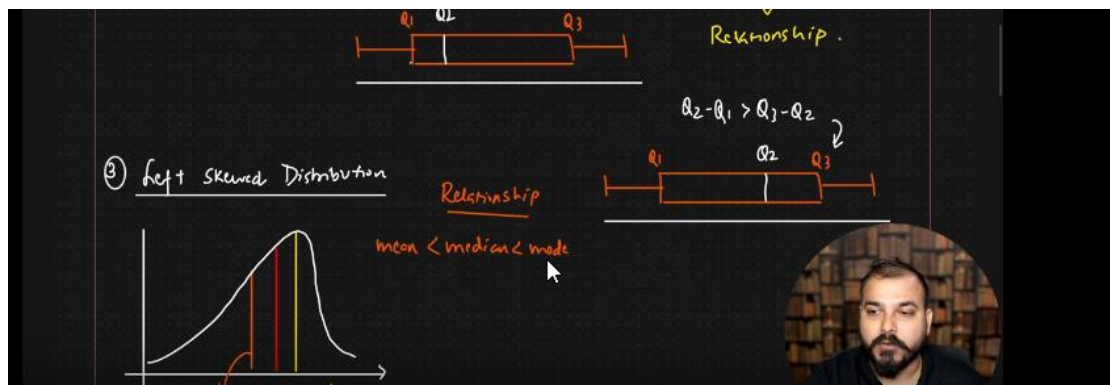
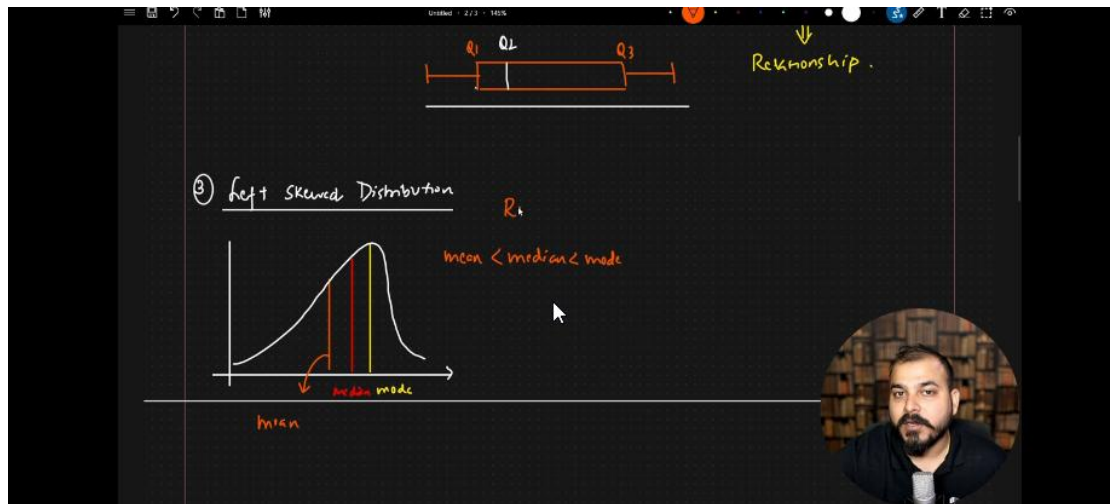


$$Q_3 - Q_2 > Q_2 - Q_1$$

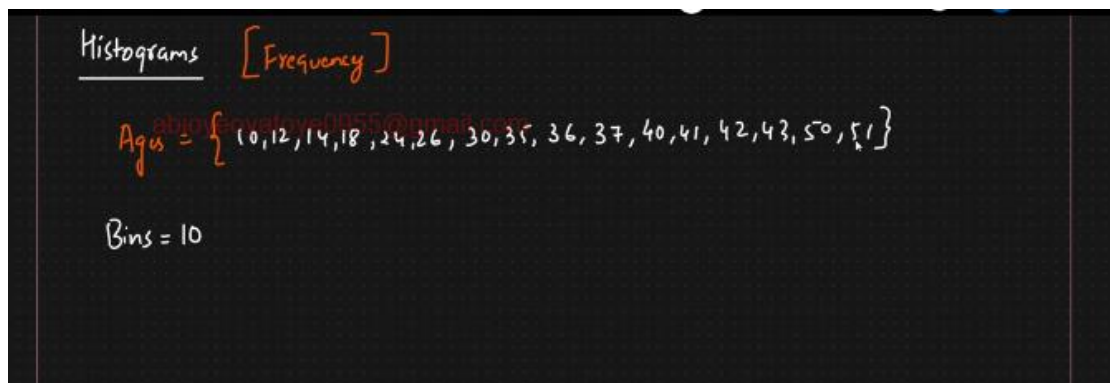


mean > median > mode

\downarrow
Relationship.



HISTOGRAMS LESSON



Frequency is the same as count, bin means bucket to place the count of the element that falls within the range

