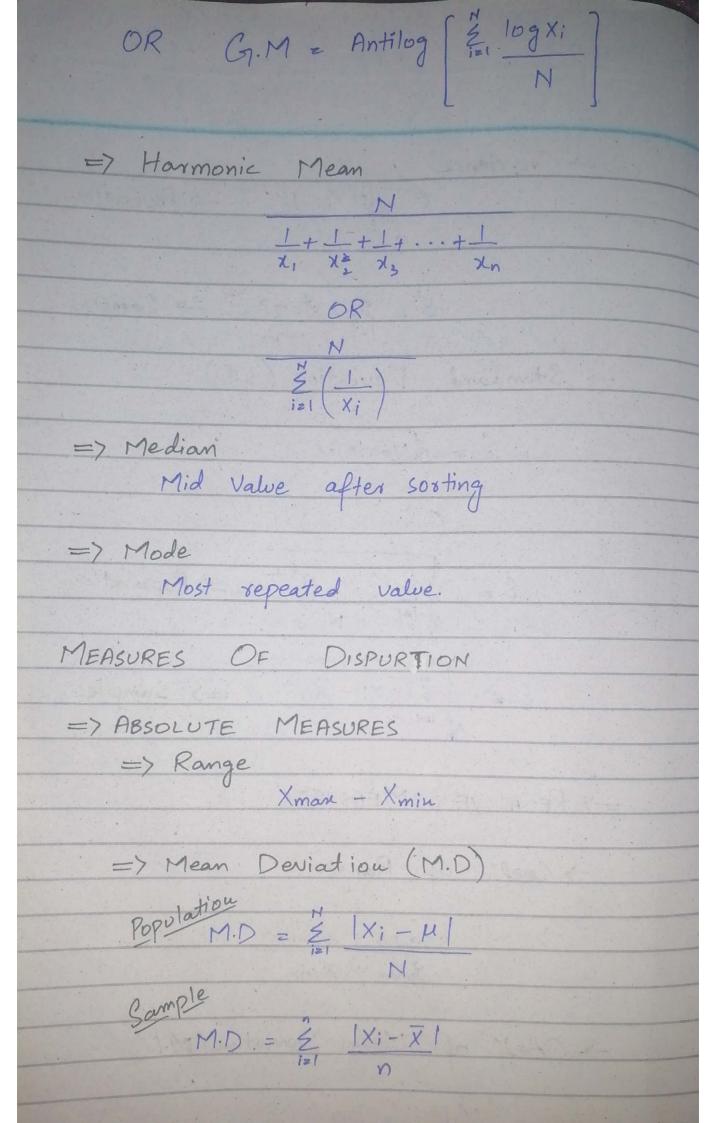
PRESENTATION OF DATA
=> Methods
> Textual Method
Rearrange from lowest to highest
Stem & leaf plot
-> Tabular Method
Frequency Distribution
Commutative Frequency Distribution
Percentage Frequency Distribution
-> Graphs
Histogram
Frequency Polygon
Frequency curve
MEASURES OF CENTRAL TENDENCY
=> Arithematic Mean
-> Population
$\mu = x_1 + x_2 + x_3 + \dots \times n$
N
-> Sample
X = X, +X2 + Xu
n
=> Geometric Mean
G. M=(X1. X2. X3 Xu) N OR [X;] N
N Lizi



> Varience 82 = Z(Xi-H)2 -> Population 8 = 3 (X; -X) -> Sample -> Standard Deviation (S.D) & z Vorience δz ½ (X;-μ) =) Population $8 = \sqrt{\frac{2}{x}(x_i - \overline{x})^2} = 3 \text{ sample}$ => RELATIVE MEASURES -> Coeff of Range Xmox - Xmin Xmax + Xmin -> Coeff of Mean Deviation (M.D) M.D. x 100

-> Coeff of Varience

Standard Deviation x 100 Mean

=> ABSOLUTE MEASURES OF SKEWNESS

-> Symmetric

Mean = Median = Mode Mean - Median = 0 Mean - Mode = 0

-> Positive/Right Skewed

Mean > Median > Mode

Mean-Median > 0

Mean-Mode > 0

→ Negative/Left Skewed

Mean < Median < Mode

Mean - Median < 0

Mean - Mode < 0

=7 PEARSON COEFF OF SKEWNESS

SKP = Mean-Mode Standard Deviation

OR 3 (Mean - Mode)

The second of Skewness

$$\gamma_{1} = \sqrt{\beta_{1}}$$

OR

$$\gamma_{1} = \frac{\mu_{3}^{2}}{\sqrt{\mu_{2}^{3}}}$$

OR

$$\gamma_{1} = \frac{\mu_{3}}{\sqrt{\mu_{2}^{3}}}$$

OR

$$\gamma_{2} = \frac{\mu_{3}}{\mu_{2}^{3}}$$

OR

$$\gamma_{2} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{3} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{4} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{5} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{6} = \frac{\mu_{3}}{\mu_{5}}$$

OR

$$\gamma_{7} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{8} = \frac{\mu_{3}}{\mu_{5}}$$

OR

$$\gamma_{1} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{2} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{3} = \frac{\mu_{3}}{\mu_{3}}$$

OR

$$\gamma_{4} = \frac{\mu_{3}}{\mu_{5}}$$

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$$\gamma_{7} = \frac{\mu_{5}}{\mu_{5}}$$

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$$\gamma_{7} = \frac{\mu_{5}}{\mu_{5}}$$

OR

$$\gamma_{7} = \frac{\mu_{5}}{\mu_{5}}$$

OR

$$\gamma_{8} = \frac{\mu_{5}}{\mu_{5}}$$