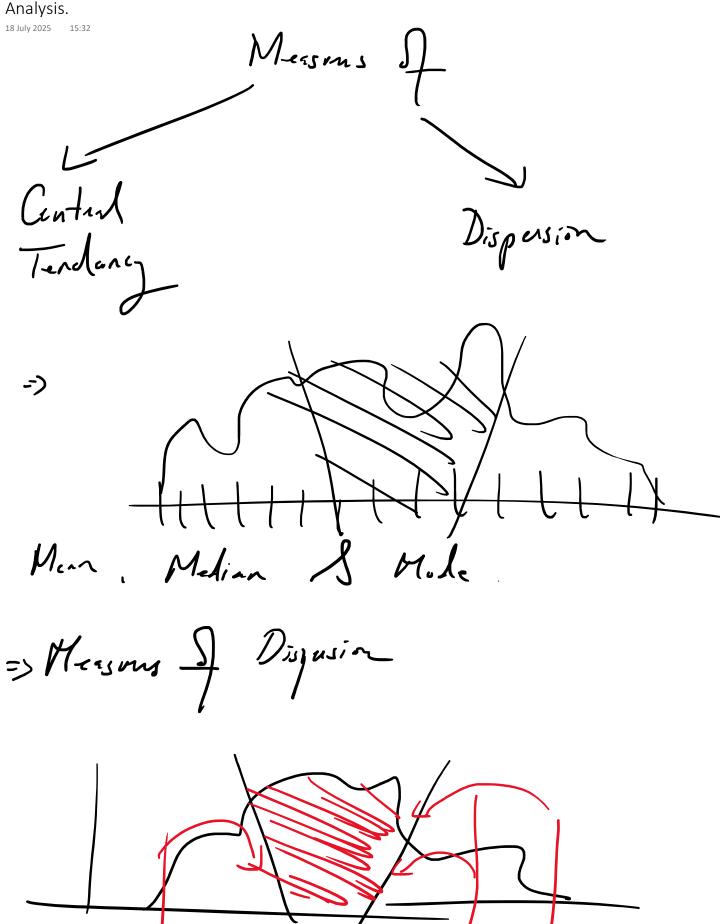
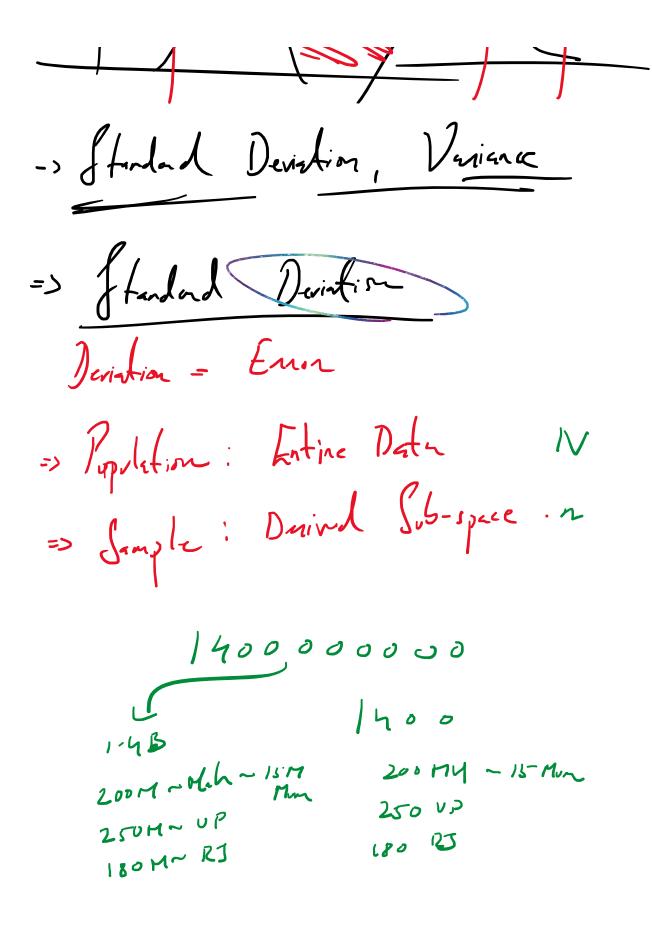
2025-07-18 Analyze data for solving the problems of Exploratory Data Analysis.





os Davidim N (). _]

$$(2_1-\overline{2})+(2_2-\overline{2})+(2_3-\overline{2})-\cdots(2_N-\overline{2})$$

$$\int_{151}^{N} \left(n_i - n_i \right)^2 \sim \text{Deviation}$$
(Normalited)

$$= \sqrt{\frac{N}{N} \left(\frac{N}{N} - \frac{1}{N} \right)^2}$$

Juiance:

Pop Vaniand
$$\frac{N}{2} = \frac{N}{2} \left(\frac{1}{L_i} - \overline{L_i} \right)^{L_i}$$

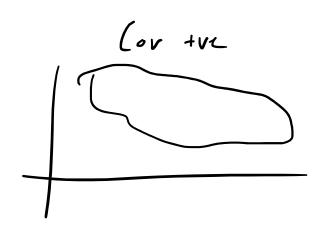
$$\sim$$

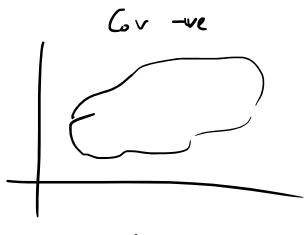
$$\int_{x}^{x} |x|^{2} = \sum_{i=1}^{n} (x_{i} - \overline{x})^{2}$$

$$= \frac{1}{2} \left(\frac{1}{1 - \lambda r} \right) - \frac{1}{2} \left(\frac{1}{1 - \lambda r} \right) \cdot \left($$

$$\frac{10}{5}$$
 $\frac{17}{9}$ $\frac{1}{5}$ $\frac{10.2}{5}$

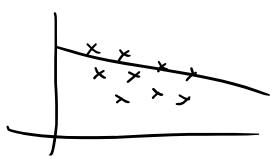
$$=\frac{70}{5^{-1}}=\frac{70}{4}=\frac{17.5}{4}$$

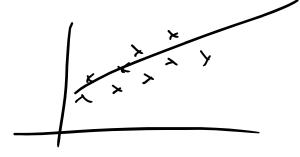




=> Kal Purson's Condation (& efficient

Sample:





$$P_{y,y} = \frac{N \sum_{i=1}^{N} y - \sum_{i=1}^{N} \frac{\xi_{y}}{\left[N \sum_{i=1}^{N} \frac{\xi_{y}^{2} - (\xi_{y}^{2})}{\left[N \sum_{i=1}^{N} \frac{\xi_{y}^{2}}{\left[N \sum_{i=1}^{N} \frac{\xi_{y}^{2}}}{\left[N \sum_{i=1}^{N} \frac{\xi_{y}^{2}}{\left[N \sum_{i=1}^{N} \frac{\xi_{y}^$$

$$\begin{vmatrix}
x & y & xy & x^2 & y^2 \\
21 & 48 & 211 & 31 & 430
\end{vmatrix}$$

$$\rho = \frac{6 \times 211 - 2(\times 48)}{\left[6 \times (51) - (21)^{2} \right] \cdot \left[6 \times (450) - (48)^{2} \right]}$$

$$\rho = o_{\frac{997}{2}} \approx \frac{95.8}{.}$$

|_

Valiet: Detz is

/) 4

Vadict: Detz is
positively correlated