Statistical Topic

$$Mean\ (\bar{x}) = \frac{x_1 + x_2 + x_3 + x_4 + \cdots + x_n}{n}$$

$$Median = \left(\frac{n+1}{2}\right)th$$

$$Standard\ Deviation\ (\sigma) = \sqrt{\frac{(x_1 - \bar{x})^2 + (x_2 - \bar{x})^2 + (x_3 - \bar{x})^2 + \cdots + (x_n - \bar{x})^2}{n}}$$

$$Varience = \frac{(x_1 - \bar{x})^2 + (x_2 - \bar{x})^2 + (x_3 - \bar{x})^2 + \cdots + (x_n - \bar{x})^2}{n}$$

$$Standard\ Score = \frac{x_n - \bar{x}}{\sigma}$$