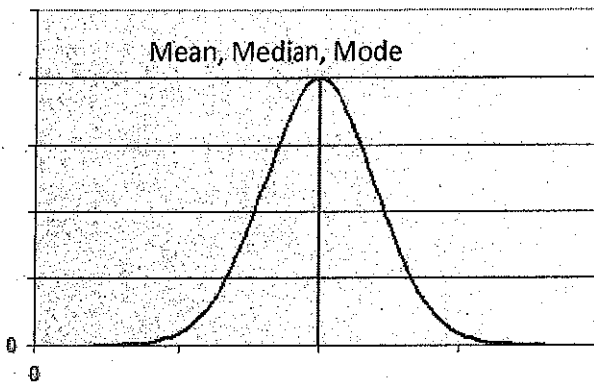


How does the value of the mean, median, and mode affect the distribution of data in a sample or population?

In a _____ distribution the data is roughly symmetric.

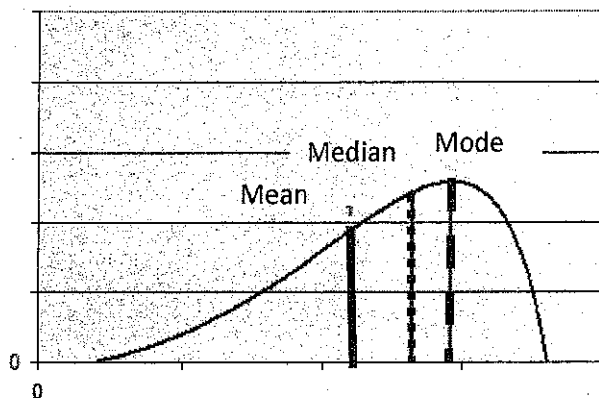
The mean, median and mode are _____



In a distribution that is _____ skewed, there is data that pulls the distribution to the _____.

The mean is _____

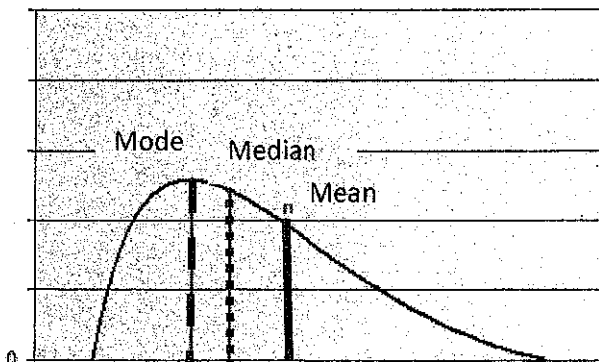
_____ Skew (to the _____)



In a distribution that is _____ skewed, there is data that pulls the distribution to the _____.

The mean is _____

_____ Skew (to the _____)



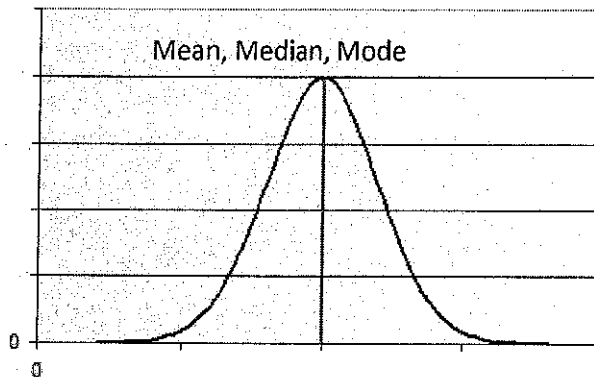
How does the value of the mean, median, and mode affect the distribution of data in a sample or population?

In a normal distribution the data is roughly symmetric.

The mean, median and mode are

equal

Normal

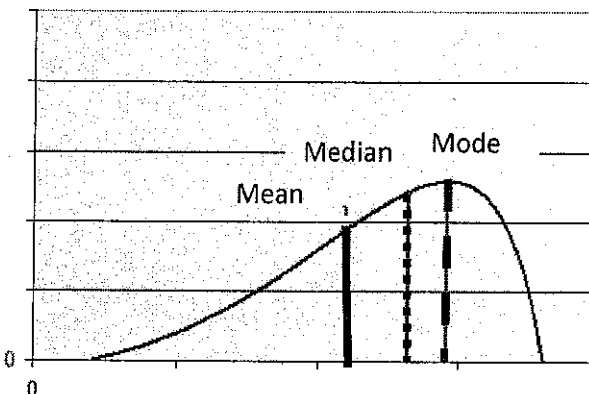


In a distribution that is Negatively skewed, there is data that pulls the distribution to the left.

The mean is

$\bar{x} < \text{Median}$
Mode

Negatively skew (to the left)



In a distribution that is positively skewed, there is data that pulls the distribution to the right.

The mean is

$\bar{x} > \text{median}$

Positively skew (to the right)

