What is the difference between the mean, mode, and median between Left Skewed and Right Skewed Distribution?

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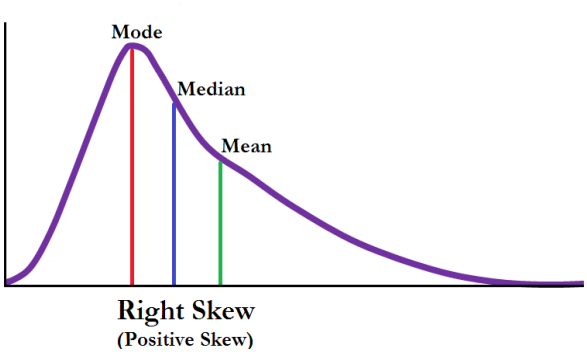
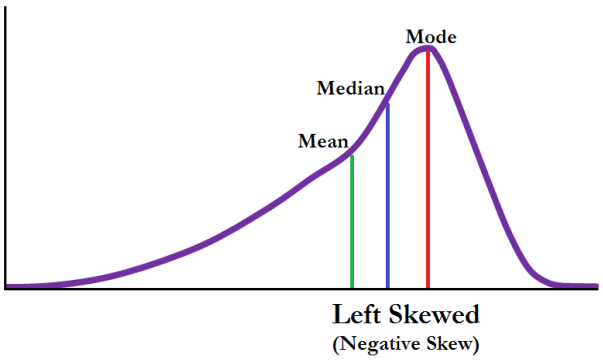
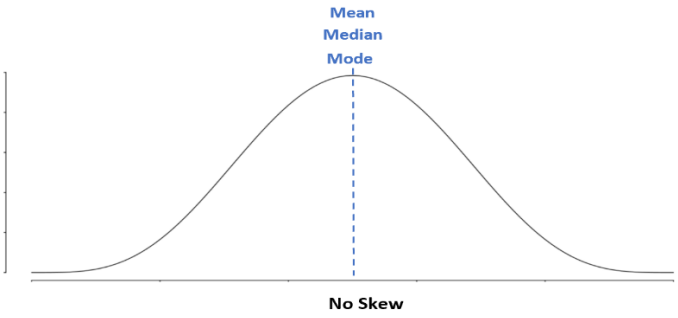
- Skewness is a way to describe the symmetry of a distribution.
- A distribution is left-skewed if it has a “tail” on the left side of the distribution.
- A distribution is right-skewed if it has a “tail” on the right side of the distribution.
- A distribution has no skew if it’s symmetrical on both sides.







From the above we can conclude that:

In Left Skewed Distribution: Mean < Median < Mode

In Right Skewed Distribution: Mode < Median < Mean

In No Skew: Mean = Median = Mode