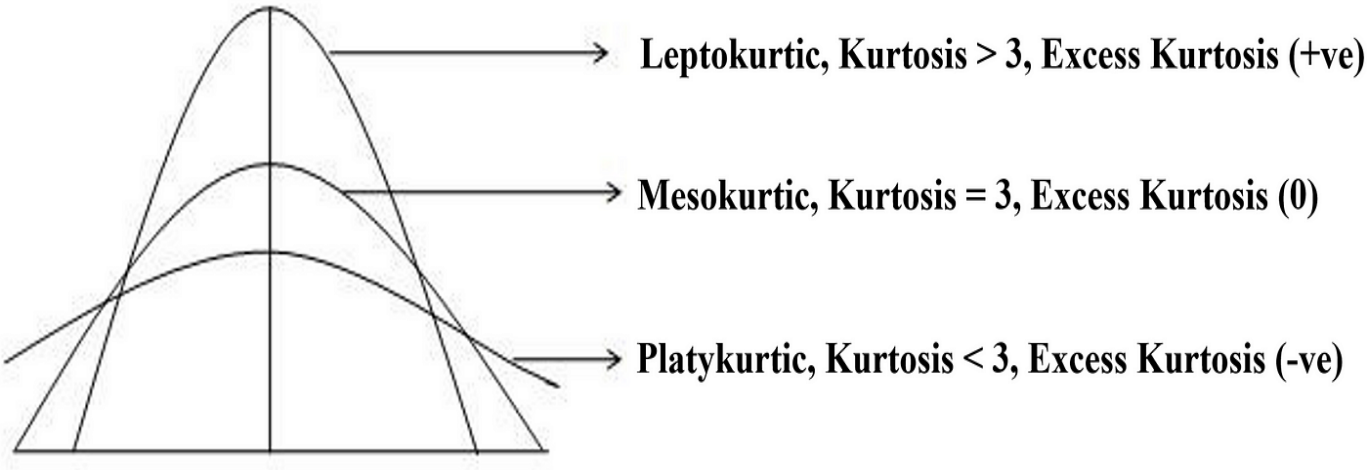
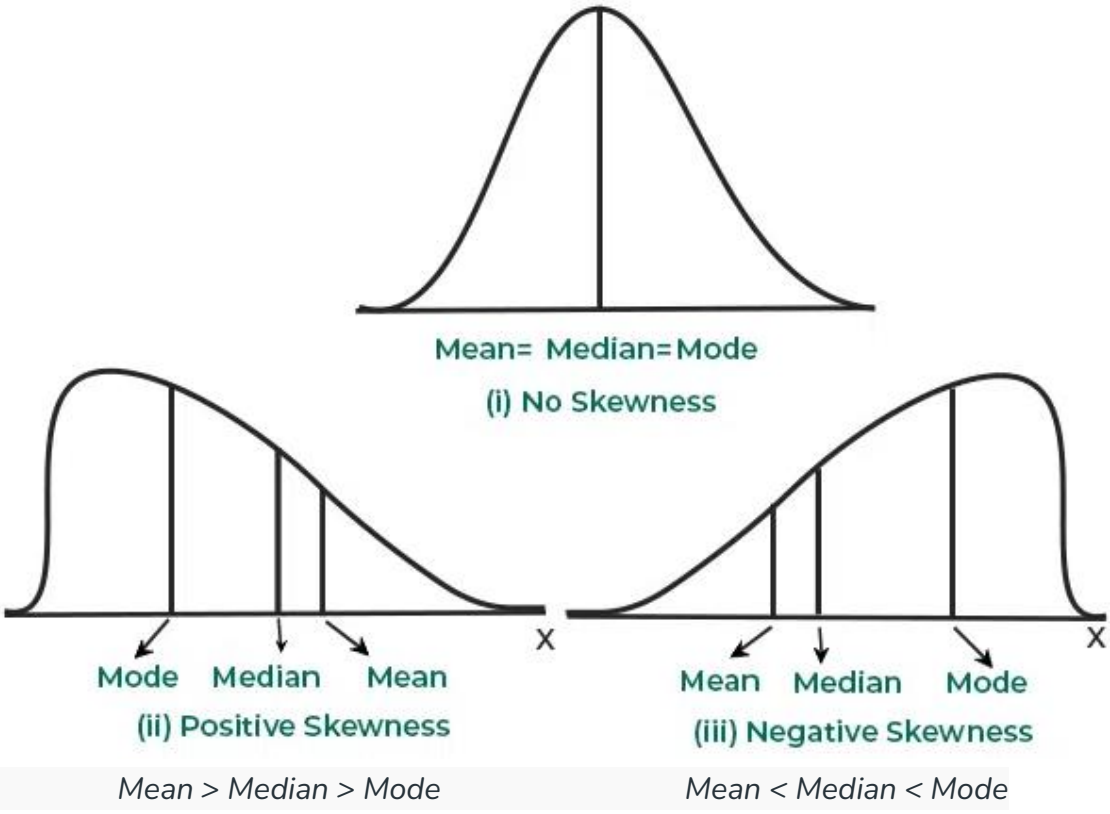
## Kurtosis : Measure of tailedness of a distribution




| | sl_no | ssc_p | hsc_p | degree_p | etest_p | mba_p | salary |
|---|---|---|---|---|---|---|---|
| **kurtosis** | -1.2 | -0.60751 | 0.086901 | -0.09749 | -1.08858 | -0.470723 | -0.239837 |

The kurtosis values of all the exam scores are less than 3 which implies that this dataset has Platykurtic curve which means that the scores are flatter than normal and has fewer extreme values.The students scored around the same , spread out evenly and no big spikes of high or low scores.

# Skewness : Measure of Asymmetry of a distribution




*Mean > Median > Mode* | *Mean < Median < Mode*

| | sl_no | ssc_p | hsc_p | degree_p | etest_p | mba_p | salary |
|---|---|---|---|---|---|---|---|
| **skew** | 0.0 | -0.132649 | 0.162611 | 0.204164 | 0.282308 | 0.313576 | 0.8067 |

Interpretation of the skew values:

| | | |
|---|---|---|
| 0 | - | Perfectly symmetric |
| -0.5 to +0.5 | - | Approximately symmetric |
| +0.5 to +1 | - | Moderately right skewed |
| >+1 | - | Highly right skewed |
| -0.5 to -1 | - | Moderately left skewed |
| <-1 | - | Highly left skewed |

Referring to the table , its evident that hsc , degree , etest scores are approximately symmetric which implies that students scored around the same range.However salary data is negative skewed and ssc scores are positive skewed.