

Skewness and kurtosis

- Skewness is the measure of the symmetry, it shows the peak value position.

| | 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 |

- Skew value shows positive when mode>median>mean.
- Skew value shows negative when mean>median>mode.
- Skew value gives normal when mean=median=mode.
- Here the data of 'ssc_p' skew value is (-0.132649) so mean value is high remaining data's shows the positive values so mode is high(repeated values).

- Kurtosis is the measure of the peak or convexity of the curve.

| | 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 |

- All the data's comes under the <3 (less than 3) so the dataset is good. it is named as Platykurtic.
- If it comes (=3) named as mesokurtic or (>3) named as leptokurtic.