Placement Report - Skewness & Kurtosis

Analysis:

[44]:

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108.0	67.303395	66.334744	66.358558	72.100558	62.278186	277648.648649
Median	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
Mode	1	62.0	63.0	65.0	60.0	56.7	300000.0
Q1:25%	54.5	60.6	60.9	61.0	60.0	57.945	240000.0
Q2:50%	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
Q3:75%	161.5	75.7	73.0	72.0	83.5	66.255	300000.0
99%	212.86	87.0	91.129	83.86	97.0	76.1142	NaN
Q4:100%	215.0	89.4	91.15	88.5	98.0	77.89	390000.0
IQR	107.0	15.1	12.1	11.0	23.5	8.31	60000.0
1.5 rule	160.5	22.65	18.15	16.5	35.25	12.465	90000.0
Lesser	-106.0	37.95	42.75	44.5	24.75	45.48	150000.0
Greater	322.0	98.35	91.15	88.5	118.75	78.72	390000.0
Min	1	40.89	42.75	50.0	50.0	51.21	200000.0
Max	215	89.4	91.15	88.5	98.0	77.89	390000.0
Skew	0.0	-0.132649	0.162611	0.204164	0.282308	0.313576	0.8067
Kurtosis	-1.2	-0.60751	0.086901	-0.09749	-1.08858	-0.470723	-0.239837

1. Ssc_p:

Skewness: -0.132649

Here the skewness is negative, then mean is lesser than median and mode.

Kurtosis:-0.60751

Here the kurtosis is less than 3, then it’s a platykurtic.

2. Hsc_p:

Skewness: 0.162611

Here the skewness is positive, then mean is greater than median and mode.

Kurtosis: 0.086901

Here the kurtosis is less than 3, then it’s a platykurtic.

3. Degree_p:

Skewness: 0.204164

Here the skewness is positive, then mean is greater than median and mode.

Kurtosis: -0.09749

Here the kurtosis is less than 3, then it's a platykurtic.

4. Etest_p:

Skewness: 0.282308

Here the skewness is positive, then mean is greater than median and mode.

Kurtosis: -1.08858

Here the kurtosis is less than 3, then it's a platykurtic.

5. Mba_p:

Skewness: 0.313576

Here the skewness is positive, then mean is greater than median and mode.

Kurtosis: -0.470723

Here the kurtosis is less than 3, then it's a platykurtic.

6. Salary:

Skewness: 0.8067

Here the skewness is positive, then mean is greater than median and mode.

Kurtosis: -0.239837

Here the kurtosis is less than 3, then it's a platykurtic.