Kurtosis and Skewness Range Report for Placement Data

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108	67.3034	66.3964	66.3702	72.1006	62.2782	288655
Median	108	67	65	66	71	62	265000
Mode	1	62	63	65	60	56.7	300000
Q1:25%	54.5	60.6	60.9	61	60	57.945	240000
Q2:50%	108	67	65	66	71	62	265000
Q3:75%	161.5	75.7	73	72	83.5	66.255	300000
99%	212.86	87	91.86	83.86	97	76.1142	NaN
Q4:100%	215	89.4	97.7	91	98	77.89	940000
IQR	107	15.1	12.1	11	23.5	8.31	60000
1.5rule	160.5	22.65	18.15	16.5	35.25	12.465	90000
Lesser	-106	37.95	42.75	44.5	24.75	45.48	150000
Greater	322	98.35	91.15	88.5	118.75	78.72	390000
min	1	40.89	42.75	50	50	51.21	200000
max	215	89.4	97.7	91	98	77.89	940000
kurtosis	-1.2	-0.60751	0.311195	0.0521433	-1.08858	-0.470723	18.5443
skew	0	-0.132649	0.254921	0.244917	0.282308	0.313576	3.56975

Kurtosis and Skewness Range for ssc_p

kurtosis= -0.60751

Above value falls under <3 and pink color in graph. we can say it comes under platykurtic.

"platykurtic" refers to a statistical distribution where the value of excess kurtosis is negative. A platykurtic distribution would, therefore, have thinner tails than a normal distribution

Skewness= 0.132649

We could see skewness value is positive. so that we can say Mode is high and also it comes under Mode>Med>Mean

Kurtosis and Skewness Range for hsc_p

kurtosis= 0.311195

Above value falls under =3 and black color in graph. we can say it comes under mesokurtic.

Mesokurtic is a statistical term used to describe the outlier characteristic of a probability distribution in which extreme events (or data that are rare) is close to zero. A mesokurtic distribution has a similar extreme value character as a normal distribution.

Skewness= 0.254921

We could see skewness value is positive. so that we can say Mode is high and also it comes under Mode>Med>Mean

Kurtosis and Skewness Range for degree_p

kurtosis= 0.0521433

Above value falls under =3 and black color in graph. we can say it comes under mesokurtic.

Mesokurtic is a statistical term used to describe the outlier characteristic of a probability distribution in which extreme events (or data that are rare) is close to zero. A mesokurtic distribution has a similar extreme value character as a normal distribution.

Skewness= 0.244917

We could see skewness value is positive. so that we can say Mode is high and also it comes under Mode>Med>Mean

Kurtosis and Skewness Range for etest_p

kurtosis= -1.08858

Above value falls under <3 and pink color in graph. we can say it comes under platykurtic.

"platykurtic" refers to a statistical distribution where the value of excess kurtosis is negative. A platykurtic distribution would, therefore, have thinner tails than a normal distribution

Skewness= 0.282308

We could see skewness value is positive. so that we can say Mode is high and also it comes under Mode>Med>Mean

Kurtosis and Skewness Range for mba_p

kurtosis= -0.470723

Above value falls under <3 and pink color in graph. we can say it comes under platykurtic.

"platykurtic" refers to a statistical distribution where the value of excess kurtosis is negative. A platykurtic distribution would, therefore, have thinner tails than a normal distribution

Skewness= 0.313576

We could see skewness value is positive. so that we can say Mode is high and also it comes under Mode>Med>Mean

Kurtosis and Skewness Range for salary

kurtosis= 18.5443

Above value falls under >3 and blue color in graph. we can say it comes under leptokurtic.

A leptokurtic distribution means that the investor can experience broader fluctuations (e.g., three or more standard deviations from the mean) resulting in greater potential for extremely low or high returns.

Skewness= 3.56975

We could see skewness value is positive. so that we can say Mode is high and also it comes under Mode>Med>Mean