DATA ANALYSIS-UNIVARIATE

Skewness & Kurtosis

Quan:

sl_no,ssc_p,hsc_p,degree_p,etest_p,mba_p,salary

Output:

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
skew	0.0	-0.132649	0.163639	0.244917	0.282308	0.313576	3.569747
kurtosis	-1.2	-0.60751	0.450765	0.052143	-1.08858	-0.470723	18.544273

In the above table

sl_no has

Skew=0.0 & Kurtosis= -1.2

Skew has zero value that means the values are evenly distributed on both sides.

Kurtosis has negative value so it comes under platykurtosis.

Because compare to formula value it has <3.

ssc_p has

Skew= -0.132649 & Kurtosis= -0.60751

Skew has negative value so Mean value is High & Mode value is Low.Peakness comes in rightside of curve.

Kurtosis has negative value so it comes under platykurtosis.

Because compare to formula value it has <3.

hsc_p has

Skew= 0.163639 & Kurtosis= 0.450765

Skew has positive value so Mode value is High & Mean value is Low.Peakness comes in lefttside of curve.

Kurtosis has positive value so it comes under platykurtosis.

Because compare to formula value it has <3.

degree_p has

Skew= 0.244917 & Kurtosis= 0.052143

Skew has positive value so Mode value is High & Mean value is Low.Peakness comes in lefttside of curve.

Kurtosis has positive value so it comes under platykurtosis.

Because compare to formula value it has <3.

etest_p has

Skew= 0.282308 & Kurtosis= -1.08858

Skew has positive value so Mode value is High & Mean value is Low.Peakness comes in lefttside of curve.

Kurtosis has negative value so it comes under platykurtosis.

Because compare to formula value it has <3.

mba_p has

Skew= 0.313576 & Kurtosis= -1.08858

Skew has positive value so Mode value is High & Mean value is Low.Peakness comes in lefttside of curve.

Kurtosis has negative value so it comes under platykurtosis.

Because compare to formula value it has <3.

salary has

Skew= 3.569747 & Kurtosis= 18.544273

Skew has positive value so Mode value is High & Mean value is Low.Peakness comes in lefttside of curve.

Kurtosis has positive value so it comes under leptokurtosis.

Because compare to formula value it has >3.