

Assignment To Elaborate the Skewness & Kurtosis – 26.05.2024

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
1.5rule	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
Skewness	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

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108.0	67.303395	66.333163	66.370186	72.100558	62.278186	288655.405405
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

Index	Skewness	Description with relationship	Kurtosis	Description with relationship
SSC_P	-0.132649 Skewness<0	It is having negative value Mean<Median<Mode 67.30 < 67 < 62	-0.60751	Platykurtic <3
HSC_P	0.162611 Skewness>0	It is having positive value Mean>Median>Mode 66.33 > 65 > 63	0.086901	Platykurtic <3
Degree_P	0.204164 Skewness>0	It is having positive value Mean>Median>Mode 66.37 > 66 > 65	-0.09749	Platykurtic <3
Etest_P	0.282308 Skewness>0	It is having positive value Mean>Median>Mode 72.10 > 71 > 60	-1.08858	Platykurtic <3
MBA_P	0.313576 Skewness>0	It is having positive value Mean>Median>Mode 62.27 > 62 > 56.7	-0.470723	Platykurtic <3
Salary	0.8067 Skewness>0	It is having positive value Mean>Median>Mode	-0.239837	Platykurtic <3