

Central Tendency Assignment 4

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108	67.3034	66.3347	66.3586	72.1006	62.2782	277649
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	91.129	83.86	97	76.1142	NaN
Q4:100%	215	89.4	91.15	88.5	98	77.89	390000
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	91.15	88.5	98	77.89	390000
kurtosis	-1.2	-0.60751	0.0869008	-0.0974897	-1.08858	-0.470723	-0.239837
skew	0	-0.132649	0.162611	0.204184	0.282308	0.313576	0.8067

KURTOSIS :

SSC_P - meso kurtic ($-3 < x < 3$) since the kurtosis lies between Positive and negative 3

HSC_P - meso kurtic ($-3 < x < 3$) since the kurtosis lies between Positive and negative 3

DEGREE_P - meso kurtic ($-3 < x < 3$) since the kurtosis lies between Positive and negative 3

ETEST_P - meso kurtic ($-3 < x < 3$) since the kurtosis lies between Positive and negative 3

MBA_P - meso kurtic ($-3 < x < 3$) since the kurtosis lies between Positive and negative 3

SALARY - meso kurtic ($-3 < x < 3$) since the kurtosis lies between Positive and negative 3

SKEWNESS :

SSC_P - Negative (Mean < Median < Mode) since Mean is Greater

HSC_P - Negative (Mean < Median < Mode) since Mean is Greater

DEGREE_P - Negative (Mean < Median < Mode) since Mean is Greater

ETEST_P - Negative (Mean < Median < Mode) since Mean is Greater

MBA_P - Negative (Mean < Median < Mode) since Mean is Greater

SALARY - Either (Negative) or (Normal) == > (Mode > Mean > Median) Median lies next to mean after mode