

Measures of Location of Data

Percentile

[52]:

	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
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
Q4:100%	215.0	89.4	97.7	91.0	98.0	77.89	940000.0

Analyzing the above Percentile data for the Column – **hsc_p**

1. Value between 1st and 2nd Quadrant which is 25% to 50% is > 5%
2. Value between 2nd and 3rd Quadrant which is 50% to 75% is > 8% increase
3. Value between 3rd and 4th Quadrant which is 75% to 100% is > 24% increase

Analyzing the above Percentile data for the Column – **degree_p**

1. Value between 1st and 2nd Quadrant which is 25% to 50% is > 5%
2. Value between 2nd and 3rd Quadrant which is 50% to 75% is > 6% increase
3. Value between 3rd and 4th Quadrant which is 75% to 100% is > 19% increase

Analyzing the above Percentile data for the Column – **etest_p**

1. Value between 1st and 2nd Quadrant which is 25% to 50% is > 11%
2. Value between 2nd and 3rd Quadrant which is 50% to 75% is > 12% increase
3. Value between 3rd and 4th Quadrant which is 75% to 100% is > 15% increase

[56]:

	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
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	91.86	83.86	97.0	76.1142	NaN
Q4:100%	215.0	89.4	97.7	91.0	98.0	77.89	940000.0

4. Verified the 99% for etest_p which is 14% increase compared to previous Quadrant

Conclusion :- From these results we can confirm that the percentile for 99% for column etest_p is a good score of improvement

