Descriptive Analysis

Measure of Location of The Data – Percentile

Out[77]:

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108	67.3034	66.3332	66.3702	72.1006	62.2782	288655
Median	108	67	65	66	71	62	265000
Mode	1	62	63	65	60	56.7	300000
Min	1	40.89	37	50	50	51.21	200000
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
Q4:100%	215	89.4	97.7	91	98	77.89	940000

From the above we can confirm below points on Quadrant 1, Quadrant 2, Quadrant 3 and Quadrant 4:

In Quadrant 1:

- The SSLC student scored marks between 40.89 to 60.6
- The HSC student scored marks between 37 to 60.6
- The Degree student scored marks between 50 to 61
- The Entrance student scored marks between 50 to 60
- The MBA student scored marks between 51.21 to 57.945

For the above scoring the salary they might get is 240000

In Quadrant 2:

- The SSLC student scored marks between 40.89 to 67
- The HSC student scored marks between 37 to 65
- The Degree student scored marks between 50 to 66
- The Entrance student scored marks between 50 to 71
- The MBA student scored marks between 51.21 to 62

For the above scoring the salary they might get is 265000

In Quadrant 3:

- The SSLC student scored marks between 40.89 to 75.7
- The HSC student scored marks between 37 to 73
- The Degree student scored marks between 50 to 72
- The Entrance student scored marks between 50 to 83.5
- The MBA student scored marks between 51.21 to 66.255

For the above scoring the salary they might get is 300000

In Quadrant 4:

- The SSLC student scored marks between 40.89 to 89.4
- The HSC student scored marks between 37 to 97.7
- The Degree student scored marks between 50 to 91
- The Entrance student scored marks between 50 to 98
- The MBA student scored marks between 51.21 to 77.89

For the above scoring the salary they might get is 940000

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