PERCENTILE AND IQR REPORT

	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
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	91.86	83.86	97	76.1142	NaN
q4:100%	215	89.4	97.7	91	98	77.89	940000

Percentile-value that exist between a range.

From the placement data we can see that the first quadrant-25% of 10^{th} exists in 60.6% of range,12^{th} in 60.9% of range, degree in 61% range, entrance test in 60% range, MBA in 57.9% range and salary exists in 2,40,000 range.

Comparing from 25 percentile to 50 percentile in the difference of 25% they have improved only 6.4 percent in 10^{th} ,4.1 percent in 12^{th} ,5 percent in degree,11 percent in entrance ,4 percent in MBA, and their salary has increase in 25k.

From 50% to 75% they have improved from 8 percent in 10th, 8 percent in 12th,6 percent in degree,12.5 percent in e-test, 4.2 percent in MBA, and salary is increased to 35k.

From 75% to 100% they improved from 13.7 percent in 10th, 24.7 percent in 12th, 19 percent in degree,15 percent in e-test, 11 percent in MBA, and salary has increased to 6,40,000.

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	37	50	50	51.21	200000
max	215	89.4	97.7	91	98	77.89	940000

INTERQUARTILE RANGE-To know the quadrant in which the outlier range are present.

To find the Outlier, Lesser should be less than minimum and Greater should be greater than maximum.

LESSER-There are no outlier in any rows except 12^{TH} Compared to minimum.

GREATER-There are outlier in 12^{th} , degree, and salary compared to maximum.