

Inter Quartile Range (IQR)

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
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 Outlier	-106.0	37.95	42.75	44.5	24.75	45.48	150000.0
Greater Outlier	322.0	98.35	91.15	88.5	118.75	78.72	390000.0
Min	1.0	40.89	37.0	50.0	50.0	51.21	200000.0
Max	215.0	89.4	97.7	91.0	98.0	77.89	940000.0

IQR

- No student got 10th marks less than 37.95 mark and greater than 98.35 marks. so 10 marks didn't get any potential outlier
- The students have got 12th marks less than 42.75 and greater than 91.15 marks. Therefore 37.0, 97.7 are potential outlier. so instead of 37.0 mark replace to 42.75 and 97.7 marks replace to 91.15.
- No students got degree marks less than 44.5, however 91.0 is greater than 88.5. Therefore 91.0 is a potential outlier, instead of 91.0 replace to 88.5
- No student got Entrance marks less than 24.75 mark and greater than 118.75 marks. so Entrance marks didn't get any potential outlier
- No student got MBA marks less than 45.48 mark and greater than 78.72 marks. so MBA marks didn't get any potential outlier
- No students got salary less than 1.5 LPA; however 94 LPA is greater than 39 LPA. Therefore 94 LPA is a potential outlier, instead of 94 LPA replace to 39 LPA