

## INTERQUARTILE RANGE

	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	-106.0	37.95	42.75	44.5	24.75	45.48	150000.0
GREATER	322.0	98.35	91.15	88.5	118.75	78.72	390000.0
MIN	1	40.89	37.0	50.0	50.0	51.21	200000.
MAX	215	89.4	97.7	91.0	98.0	77.89	940000.0

### 1.SSC P

- ◊ IQR value of the ssc p is 15.1
- ◊ 1.5rule value of the ssc p is 22.65
- ◊ Lesser value of the ssc p is 37.95
- ◊ Greater value of the ssc is 98.35
- ◊ Min value of the ssc is 40.89
- ◊ Max value of the ssc is 89.4
- ◊ In ssc p data, min value is not below the lessor value. But max value is above the greater value, so we need replace (greater outlier)with it.

### 2.HSC P

- ◊ IQR value of the Hsc p is 12.1
- ◊ 1.5rule value of the Hsc p is 18.15
- ◊ Lesser value of the Hsc p is 42.75
- ◊ Greater value of the Hsc is 91.15hsc
- ◊ Min value of the Hsc is 37
- ◊ Max value of the hsc is 97.7
- ◊ In hsc p data, min value is below the lessor value. So we need replace (lessor outlier)with it.
- ◊ max value is not above the greater value, so we need not replace with it

### **3.DEGREE P**

- ◊ IQR value of the degree p is 11
- ◊ 1.5rule value of the degree is 16.5
- ◊ Lesser value of the degree is 44.5
- ◊ Greater value of the degree is 88.5
- ◊ Min value of the degree is 50
- ◊ Max value of the degree is 91
- ◊ In degree data, min value is not below the lesser value. But max value is above the greater value, so we need replace (greater outlier)with it.

### **4.ETEST P**

- ◊ IQR value of the etest p is 23.5
- ◊ 1.5rule value of the etest p is 35.25
- ◊ Lesser value of the etest p is 24.75
- ◊ Greater value of the etest p is 118.75
- ◊ Min value of the etest p is 50
- ◊ Max value of the etest p is 98
- ◊ In etest p data, min value is not below the lesser value. Also max value is not above the greater value.

### **5.MBA P**

- ◊ IQR value of the mba p is 8.31
- ◊ 1.5rule value of the mba p is 12.465
- ◊ Lesser value of the mba p is 45.48
- ◊ Greater value of the mba p is 78.72
- ◊ Min value of the mba p is 51.21
- ◊ Max value of the mba p is 77.89
- ◊ In mba p data, min value is not below the lesser value. Also max value is not above the greater value.

## **6.SALARY**

- ◊ IQR value of the salary is 60000
- ◊ 1.5rule value of the salary is 90000
- ◊ Lesser value of the salary is 150000
- ◊ Greater value of the salary is 390000
- ◊ Min value of the salary is 200000
- ◊ Max value of the salary is 940000
- ◊ In salary data, min value is not below the lesser value. But max value is above the greater value, so we need replace (greater outlier)with it.