

### Percentile analyses on Placement data :

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
<b>Mean</b>	108.0	67.303395	66.333163	66.370186	72.100558	62.278186	288655.405405
<b>Median</b>	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
<b>Mode</b>	1	62.0	63.0	65.0	60.0	56.7	300000.0
<b>Q1:25%</b>	54.5	60.6	60.9	61.0	60.0	57.945	240000.0
<b>Q2:50%</b>	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
<b>Q3:75%</b>	161.5	75.7	73.0	72.0	83.5	66.255	300000.0
<b>99%</b>	212.86	87.0	91.86	83.86	97.0	76.1142	NaN
<b>Q4:100%</b>	215.0	89.4	97.7	91.0	98.0	77.89	940000.0

#### hsc\_p:

1. There is a 5% increase in marks between first quadrant to second quadrant.
2. There is a 8% increase in marks between second quadrant to third quadrant.
3. There is a drastic increase of 18% of marks between third quadrant to 99 percentile.
4. There is a 6% increase of marks from 99 percentile to 100 percentile. This shows there is outliers values present in the last 100%

#### degree\_p:

1. There is a 5% increase in marks between first quadrant to second quadrant.
2. There is a 6% increase in marks between second quadrant to third quadrant.
3. There is a increase of 11% of marks between third quadrant to 99 percentile.
4. There is a 8% increase of marks from 99 percentile to 100 percentile. This shows there is outliers values present in the last 100%

#### etest\_p:

1. There is a drastic increase of 11% increase of marks between first quadrant to second quadrant.
2. There is a 12% increase in marks between second quadrant to third quadrant.
3. There is a very good improvement of marks in increasing by 14% between third quadrant to 99 percentile.
4. There is a 1% increase of marks from 99 percentile to 100 percentile.
5. In the entrance test overall performance of the students are good.

#### mba\_p:

1. There is a 5% increase in marks between first quadrant to second quadrant.
2. There is a 4% increase in marks between second quadrant to third quadrant.
3. There is a increase of 10% of marks between third quadrant to 99 percentile.
4. There is a 1% increase of marks from 99 percentile to 100 percentile.

5. Overall performance of the students in the MBA program is average

**salary:**

1. There is increase of 25000 between first quadrant to second quadrant.
2. There is increase of 35000 in salary between second quadrant to third quadrant.
3. There is about 6,40,000 increase in the salary between third and last quadrant. This shows there is higher range outlier present in the salary data.