

Student Placement Data analysis

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

1. ssc_p :

- ➔ From 25% to 50% there is an improvement of 6.4.
- ➔ From 50% to 75% there is an improvement of 8.7.
- ➔ From 75% to 99% there is an improvement of 11.3.
- ➔ From 99% to 100% there is an improvement of 2.4.

2. hsc_P :

- ➔ From 25% to 50% there is an improvement of 4.1
- ➔ From 50% to 75% there is an improvement of 8.
- ➔ From 75% to 99% there is an improvement of 18.36
- ➔ From 99% to 100% there is an improvement of 5.84

3. degree_P :

- ➔ From 25% to 50% there is an improvement of 5
- ➔ From 50% to 75% there is an improvement of 6.
- ➔ From 75% to 99% there is an improvement of 11.86
- ➔ From 99% to 100% there is an improvement of 8

4. Etest_p:

- From 25% to 50% there is an improvement of 11
- From 50% to 75% there is an improvement of 12.50
- From 75% to 99% there is an improvement of 13.50
- From 99% to 100% there is an improvement of 1

5. mba_p:

- From 25% to 50% there is an improvement of 4
- From 50% to 75% there is an improvement of 4
- From 75% to 99% there is an improvement of 10
- From 99% to 100% there is an improvement of 1.78

Conclusion:

Right From 75% to 99% across all columns (Quantitative data points) there is a gradual increase in the student scores that have Proportionate increase in Salary from 3L to 9L. Hence the company pays good salary between 4th quartile to 99% and including max as well.