

## Summarizing the Student's 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
<b>IQR</b>	107.0	15.1	12.1	11.0	23.5	8.31	60000.0
<b>1.5rule</b>	160.5	22.65	18.15	16.5	35.25	12.465	90000.0
<b>lesser</b>	-106.0	37.95	42.75	44.5	24.75	45.48	150000.0
<b>greater</b>	322.0	98.35	91.15	88.5	118.75	78.72	390000.0
<b>min</b>	1	40.89	37.0	50.0	50.0	51.21	200000.0
<b>max</b>	215	89.4	97.7	91.0	98.0	77.89	940000.0

In the last year MBA Class Students,

- 1) students performed above average in SSLC, HSC, Degree, and MBA.
- 2) However, their average marks in entrance test results were moderate.
- 3) Based on our placement records, the average salary package received by students was 265,000. I have taken the median since outlier present in the salary based on the mean and median difference.
- 4) Most students' SSLC marks were 62.
- 5) Most students' HSC marks were 63.
- 6) Most students' Degree marks were 65.
- 7) Most students' Entrance test marks were 60.
- 8) Most students' MBA marks were 56.7.
- 9) Most students received a salary of 300,000.
- 10) 25% of student's SSLC marks below 60.6
- 11) 25% of student's HSC marks below 60.9
- 12) 25% of student's degree marks below 61
- 13) 25% of student's Entrance test marks below 60
- 14) 25% of student's MBA marks were 56.7.
- 15) 25% of student's received a salary below 240,000.
- 16) 50% of student's SSLC marks below 67
- 17) 50% of student's HSC marks below 65
- 18) 50% of student's degree marks below 66

- 19) 50% of student's Entrance test marks below 71
- 20) 50% of student's MBA marks below 62.
- 21) 50% of student's received a salary below 265,000.
- 22) 75% of student's SSLC marks below 75.7
- 23) 75% of student's HSC marks below 73
- 24) 75% of student's degree marks below 72
- 25) 75% of student's Entrance test marks below 83.5
- 26) 75% of student's MBA marks below 62.
- 27) 75% of student's received a salary below 266,255.
- 28) The highest score was 89.4 in SSLC.
- 29) The highest score was 91.15 in HSC.
- 30) The highest score was 88.5 in Degree.
- 31) The highest score was 98 in Entrance test.
- 32) The highest score was 77.89 in MBA.
- 33) The highest salary offered was 390,000.
- 34) SSLC marks between the 25th and 50th percentiles differed by only 6.4 marks.
- 35) HSC marks between the 25th and 50th percentiles differed by only 4.1 marks.
- 36) Degree marks between the 25th and 50th percentiles differed by only 5 marks.
- 37) Entrance tests marks between the 25th and 50th percentiles differed by only 11 marks.
- 38) MBA scores remained low, with a 4.06 mark difference between quartiles 25<sup>th</sup> and 50<sup>th</sup>.
- 39) Salary increments between the 25th and 50th percentiles showed a narrow gap of ₹25,000, suggesting uniform placement trends.
- 40) SSLC marks between the 50th and 75th percentiles differed by only 8.7 marks.
- 41) HSC marks between the 50th and 75th percentiles differed by only 8 marks.
- 42) Degree marks between the 50th and 75th percentiles differed by only 6 marks.
- 43) Entrance tests marks between the 50th and 75th percentiles differed by only 12.5 marks.
- 44) MBA scores remained low, with a 4.25 mark difference between 50th and 75<sup>th</sup> percentiles.
- 45) Salary increments between the 50th and 75th percentiles showed a narrow gap of ₹35,000, suggesting uniform placement trends.
- 46) SSLC marks between the 75th and 100th percentiles differed by only 13.7 marks.
- 47) HSC marks between the 75th and 100th percentiles differed by only 18.15 marks.
- 48) Degree marks between the 75th and 100th percentiles differed by only 16.5 marks.
- 49) Entrance tests marks between the 75th and 100th percentiles differed by only 14.5 marks.
- 50) MBA scores remained low, with a 11.6 mark difference between 75th and 100<sup>th</sup> percentiles.

- 51) Salary increments between the 50th and 75th percentiles showed a narrow gap of ₹90,000, suggesting more hike in placement trends.
- 52) Lesser and greater outliers in HSC marks indicate that some students scored in a much lower range compared to other low-scoring students.
- 53) Greater outliers in degree marks suggest that some students scored in a much higher range compared to other high-achieving students.
- 54) Greater outliers in salaries indicate that some students secured significantly higher pay compared to others.