

### Percentiles Analysis for 215 Students

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108	67.3034	66.3332	66.3702	72.1006	62.2782	288655
Median	108	67	65	66	71	62	265000
Mode	1	62	63	65	60	56.7	300000
Q1:25%	54.5	60.6	60.9	61	60	57.945	240000
Q2:50%	108	67	65	66	71	62	265000
Q3:75%	161.5	75.7	73	72	83.5	66.255	300000
99%	212.86	87	91.86	83.86	97	76.1142	NaN
Q4:100%	215	89.4	97.7	91	98	77.89	940000

Analysis of Higher Secondary Education Percentage( hsc\_p) Percentiles for 215 Students:

25th Percentile (Q1): 60.9

50th Percentile (Q2): 65

75th Percentile (Q3): 73

100th Percentile (Q4): 97.7

The increase from Q1 to Q2 is 4.1%, indicating that the 50% of students showed a moderate improvement in their HSC scores. From Q2 to Q3, there is an increase of 8%, suggesting a significant improvement in marks. The highest observed HSC score at the (Q4) is 97.7, representing an exceptional achievement

Analysis of Degree Percentage(degree\_p)Percentiles for 215 Students:

25th Percentile (Q1): 61

50th Percentile (Q2): 66

75th Percentile (Q3): 72

100th Percentile (Q4): 91

The increase from Q1 to Q2 is 5 marks, indicating moderate improvement in their degree scores.

From Q2 to Q3, there is an increase of 6 marks, suggesting a significant improvement but not so big different

Q4 degree percentage (91) is 19 marks higher than the 75th percentile degree percentage (72), showcasing the exceptional performance of the top students.

Analysis of EntryTest Percentage(etest\_p) Percentiles for 215 Students:

25th Percentile (Q1): 60

50th Percentile (Q2): 71

75th Percentile (Q3): 83.5

100th Percentile (Q4): 98

The increase from Q1 to Q2 is 11 points, indicating a significant improvement in entry test scores .

From Q2 to Q3 , there is an increase of 12.5 points, showing a substantial improvement in scores better performance

The (Q4) entry test percentage of 98 is significantly higher, representing exceptional performance in the entry test within our dataset.  
showcasing the exceptional performance of the top students in the entry test.

Analysis of MBA Percentage(mba\_p) Percentiles for 215 Students:

25th Percentile (Q1): 57.945

50th Percentile (Q2): 62

75th Percentile (Q3): 66.255

100th Percentile (Q4): 77.89

Based on the percentiles, we can gain insights into student performance in the last exam in relation to the average performance. The Q3 indicates that 75% of the students scored below average score was 66%. it's important to recognize the exceptional improvement in the Q4.The top 10% of students, represented by the 100th percentile (Q4), achieved high scores, with a score of 77%.