

PERCENTILE

This table summarizes academic performance metrics and salary data across different percentiles of a dataset. It includes:

- **Academic Scores:** SSC, HSC, Degree, Entrance Test, MBA
- **Salary Offered:** Final compensation package
- **Percentiles:** Q1 (25%), Q2 (Median), Q3 (75%), 99%, and Q4 (Max)

Key Observations

1. Academic Performance Trends

- **Consistent Growth:** Academic scores increase steadily across percentiles.
 - SSC: From 60.6% (Q1) to 89.4% (Q4)
 - MBA: From 57.9% (Q1) to 77.89% (Q4)
- **Entrance Test Scores** show a sharp rise from Q2 (71%) to Q4 (98%), indicating strong correlation with top-tier candidates.

2. Salary Distribution

- **Median Salary (Q2):** ₹265,000
- **Upper Quartile (Q3):** ₹300,000
- **Maximum Salary (Q4):** ₹940,000 — a significant jump, suggesting outliers or premium offers for top performers.

3. Performance vs. Salary Correlation

- There's a **positive correlation** between academic scores and salary.
- The **MBA percentage** seems particularly influential in the top salary bracket (Q4), jumping from 66.25% (Q3) to 77.89% (Q4).
- **Entrance Test and Degree Scores** also show strong alignment with higher salaries.

Percentile-Based Insights Across All Columns

Metric	Q1 (25%)	Q2 (50%)	Q3 (75%)	99%	Q4 (100%)	Change Q1→Q2	Change Q2→Q3	Change Q3→Q4
SSC %	60.6	67.0	75.7	87.0	89.4	+6.4	+8.7	+13.7
HSC %	60.9	65.0	73.0	91.86	97.7	+4.1	+8.0	+24.7
Degree %	61.0	66.0	72.0	83.86	91.0	+5.0	+6.0	+19.0
Etest %	60.0	71.0	83.5	97.0	98.0	+11.0	+12.5	+14.5
MBA %	57.945	62.0	66.255	76.1142	77.89	+4.1	+4.3	+11.6
Salary ₹	240,000	265,000	300,000	NaN	940,000	+25,000	+35,000	+640,000

Simple Insight

Better scores across all subjects—especially in **MBA, Entrance Test, and Degree**—lead to **higher salary offers**. Even small improvements (4–6%) can make a big difference, and top performers are rewarded heavily.

Key Takeaways

- **Higher scores = higher salary:** As students score better in SSC, HSC, Degree, Entrance Test, and MBA, their salary tends to go up.
- **Big jump at the top:** The top 1% and 100% performers have much higher scores—and one of them got a salary of ₹940,000.