

### Student Performance & Salary Data (Percentile)

	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
Q4:100%	215	89.4	97.7	91	98	77.89	940000

A percentile tells how data values are spread and helps understand the **distribution** of marks or salaries.

- **Q1 (25%)** – 25% of the data lies *below* this value.
- **Q2 (50%)** – Median (middle value).
- **Q3 (75%)** – 75% of the data lies *below* this value.
- **Q4 (100%)** – Maximum value in the dataset.

#### Percentile Insights:

Feature	Q1 (25%)	Q2 (50%)	Q3 (75%)	Q4 (100%)	Summary
ssc_p	60.6	67	75.7	89.4	Most students scored b/w 60–76%, with top scores near 89%
hsc_p	60.9	65	73	97.7	Scores improve steadily; few very high outliers exist.
degree_p	61	66	72	91	Half of the students scored below 66%, good consistency overall.
etest_p	60	71	83.5	98	Steady growth — top students performed close to full marks.
mba_p	57.9	62	66.25	77.9	Marks are moderate; most scores cluster between 58–66%.
salary	240000	265000	300000	940000	Majority earn between ₹2.4L–₹3L, few outliers reach ₹9.4L.