

Analysis of Student Education Performance and Its Relationship to Salary

	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

Introduction:-

This report analyzes student data, focusing on educational performance and its potential connection to salary. The dataset includes key metrics such as SSC (10th grade) percentage, HSC (12th grade) percentage, degree percentage, E-Test percentage, MBA percentage, and salary. Our goal is to explore the relationship between education and salary, accounting for outliers and potential insights.

SSC (10th grade) Percentage:

The mean SSC percentage is approximately 67.3034, indicating that, on average, students scored around 67.30% in their 10th-grade examinations.

The median SSC percentage is 67, which suggests that the middle value of the dataset is 67.

The mode SSC percentage is 62, meaning that 62 is the most frequently occurring score in this category.

HSC (12th grade) Percentage:

The mean HSC percentage is approximately 66.3332, indicating that, on average, students scored around 66.30% in their 12th-grade examinations.

The median SSC percentage is 65, which suggests that the middle value of the dataset is 65.

The mode SSC percentage is 63, meaning that 63 is the most frequently occurring score in this category.

Degree (Percentage in the undergraduate degree)

The mean Degree percentage is approximately 66.3702, indicating that, on average, students scored around 67.37% in their Degree.

The median SSC percentage is 66, which suggests that the middle value of the dataset is 66.

The mode SSC percentage is 65, meaning that 65 is the most frequently occurring score in this category.

E-test Percentage:

The mean Entry Test percentage is approximately 72.1006, indicating that, on average, students scored around 72.10% in their Entry-test.

The median SSC percentage is 71, which suggests that the middle value of the dataset is 71.

The mode SSC percentage is 60, meaning that 60 is the most frequently occurring score in this category.

MBA percentage:

The mean Master percentage is approximately 66.3332, indicating that, on average, students scored around 66.30% in their Master examinations.

The median SSC percentage is 65, which suggests that the middle value of the dataset is 65.

The mode SSC percentage is 63, meaning that 63 is the most frequently occurring score in this category.

Salary

The salary data is provided in terms of a mean (average) salary, which is 288,655. This is the average salary figure for the dataset.

The middle value of the dataset is 265000

The mode salary is 300000, meaning that 300000 is the most frequently occurring score in this category.