

Mean, Median, Mode

Out[24]:

	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

Explanation:

The placement dataset contains consolidation details of 108 students, including marks for 10th grade, 12th grade, degree, entrance test, and MBA. These 108 students achieved average marks in 10th, 12th, degree, and MBA, while scoring above average in the entrance test. As a result, they received an average salary of approximately ₹288,655 in the "Average" category.

We used the median to check for any outliers in the dataset. The median values for all quantitative columns range from 62 to 71. Based on this, the salary for these students was adjusted to approximately ₹265,000.

The mode was used to identify the most frequent data points in the dataset. Most students scored 62 in 10th grade, 62 in 12th grade, 65 in their degree, 60 in the entrance test, and 56.7 in MBA. Consequently, the majority of students received an average salary of ₹300,000.