Assignment – 2: Central Tendency

The following table shows the Mean, Median, and Mode of the Placement dataset.

	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

Results / Observations

- In ssc_p, hsc_p, degree_p, and mba_p, the students scored an average of around 66%, which
- indicates average performance.
- In etest_p, the mean score is 72%, which is higher and can be considered a good category. Overall, the class can be categorized as average performers.
- The mean salary is ₹2,88,655, whereas the median salary is ₹2,65,000. Since the median is Less than the mean, this indicates the presence of outliers in the salary distribution.

The most frequently occurring (mode) values are:

ssc_p = 62%

hsc_p = 63%

degree_p = 65%

mba_p = 56.7%

salary = ₹3,00,000

This shows that while most academic scores cluster around the mid-60s, the etest_p stands out with higher performance, and the salary distribution is skewed due to outliers.