#### **Summary Report on Placement data**

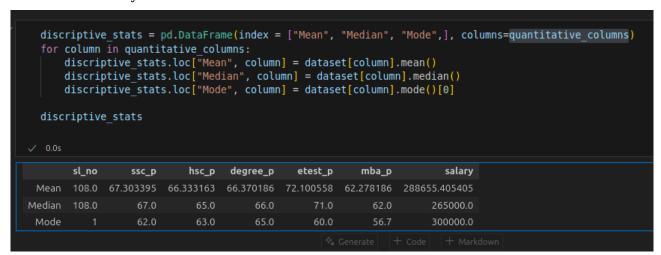
### **Objective:**

To understand the central tendencies (Mean, Median, Mode) of the dataset containing academic scores and salary outcomes on quantitative\_columns.

#### **Dataset Attributes:**

Column	Description
sl_no	Serial number (identifier)
ssc_p	Secondary Education Percentage
hsc_p	Higher Secondary Education %
degree_p	Undergraduate Degree %
etest_p	Employability Test %
mba_p	MBA %
salary	Annual salary (₹)

#### **Statistical Summary**



### **Observations**

- Consistency in Academic Scores: The means and medians for SSC\_p, hSC\_p, and degree\_p are very close, indicating a symmetrical distribution without significant outliers.
- Employability Test (etest\_p) shows a slightly higher mean (72.10), but a lower mode (60.0)
- **MBA Percentage (mba\_p)** has a mean of ~62.28 and mode of 56.7 (some lower scorers).

## • Salary:

• Mean salary: ₹2,88,655

• Median salary: ₹2,65,000

• Mode salary: ₹3,00,000

This distribution implying some high-paying offers inflating the average.

# Interpretation

• Students with mid-to-high academic scores tend to receive average salaries around ₹2.6–3.0 Lakhs.

• The slight differences between mean and median in salary suggest **moderate salary disparity**, possibly due to a few outlier job offers.