**Placement Data Analysis Report**

This report provides a statistical overview of placement outcomes for 215 students, analyzing academic performance from high school through postgraduate education and its correlation with placement salaries. The dataset includes scores from the Secondary School Certificate (SSC), Higher Secondary Certificate (HSC), Degree, Entrance Test (Etest), MBA, and the offered salaries.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **sl\_no** | **ssc\_p** | **hsc\_p** | **degree\_p** | **etest\_p** | **mba\_p** | **salary** |
| **Mean** | 108 | 67.303 | 66.333 | 66.3702 | 72.101 | 62.278 | 288655 |
| **Median** | 108 | 67 | 65 | 66 | 71 | 62 | 265000 |
| **Mode** | 1 | 62 | 63 | 65 | 60 | 56.7 | 300000 |

**Key Summary**

* **Academic Scores**: SSC, HSC, and Degree percentages are clustered around 66–67%, suggesting average academic performance across educational levels. MBA scores show a slightly lower average of 62.28%.
* **Entrance Test Performance**: Students scored highest, on average, in the **Entrance Test (mean = 72.10%)**, indicating relatively stronger performance in competitive assessments.
* **Salary Distribution**:

**Mean Salary**: Rs 288,655 | **Median Salary**: Rs 265,000 | **Mode Salary**: Rs 300,000

The mean salary exceeds the median by over Rs 23,000. This typically indicates outliers, i.e., a few students have received significantly higher salary offers, which raise the average salary.

Mode salary represents that majority of students have received Rs 300,000.