**Placement Data – Percentile 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 |
| **Q1:25%** | 54.5 | 60.6 | 60.9 | 61 | 60 | 57.945 | 240000 |
| **Q2:50%** | 108 | 67 | 65 | 66 | 71 | 62 | 265000 |
| **Q3:75%** | 161.5 | 75.7 | 73 | 72 | 83.5 | 66.255 | 300000 |
| **99%** | 212.9 | 87 | 91.86 | 83.86 | 97 | 76.114 | NaN |
| **Q4:100%** | 215 | 89.4 | 97.7 | 91 | 98 | 77.89 | 940000 |

**Key Summary**

* Students in the top 25% (Q3) have significantly higher scores across all subjects particularly in the Etest (83.5%) and Degree (72%), indicating strong academic consistency among high performers.
* **Salary Distribution**:

Median Salary (Q2) is Rs 265,000, while 75% of students received up to Rs300,000, suggesting this is a common upper-range offer.

The maximum salary of Rs 940,000 is a clear outlier, far exceeding Q3 and likely impacting the mean salary of Rs 288,655, which is higher than the median.