**Central** **Tendency** **Report**

**Placement Data Analysis Problem:**

A screenshot of a computer

Description automatically generated



*Note:* Poor= below 40%, Average= 40-70%, Good= above 70%, Excellent= above 80%

**Table Description:**

From the above table we can find the three familiar measures of central tendency, the Mean, Median and Mode. Here are the quantitative value columns which we have taken from the placement dataset to calculate the central tendency.

**ssc\_p:**

The average marks of the students are 67.30%, the median mark of the students is 67% and the repeated marks scored is 62%.

**hsc\_p:**

The average marks of the students are 66.33%, the median mark of the students is 65% and the repeated marks scored is 63%.

**Degree\_p:**

The average marks of the students are 67.37%, the median mark of the students is 66% and the repeated marks scored is 65%.

**etest\_p:**

The average marks of the students are 72.30%, the median mark of the students is 71% and the repeated marks scored is 60%.

**mba\_p:**

The average marks of the students are 62.2%, the median mark of the students is 62% and the repeated marks scored is 56.7%.

**salary:**

The average salary is 288655, the medium salary is 265000 and the repeated salary is 300000.

**Conclusion:**

The values of ssc\_p, hsc\_p, degree\_p and mba\_p falls under the Average category. The etest\_p falls under the category Good. The mode value for salary column is higher than the mean and median, so most of the students placed get the salary of 300000, this shows the presence of outliers in the salary column.