**Percentile** **Report**

**Placement Data Analysis Problem:**

A table with numbers and letters

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 percentiles which indicate the percentage of scores that fall below a particular value. Here are the quantitative value columns which we have taken from the placement dataset to calculate the Percentile.

**ssc\_p:**

The 25th percentile represents the marks that indicates 25% of the students have scored below 60.6%, the 50th percentile (median) marks that indicates 50% of the students have scored below 67%, the 75th percentile marks that indicates 75% of the students have scored below 75.7% and the 100th percentile marks that indicates 100% of the students have scored below 89.4%.

**hsc\_p:**

The 25th percentile represents the marks that indicates 25% of the students have scored below 60.9%, the 50th percentile (median) marks that indicates 50% of the students have scored below 65%, the 75th percentile marks that indicates 75% of the students have scored below 73% and the 100th percentile marks that indicates 100% of the students have scored below 97.7%.

**Degree\_p:**

The 25th percentile represents the marks that indicates 25% of the students have scored below 61%, the 50th percentile (median) marks that indicates 50% of the students have scored below 66%, the 75th percentile marks that indicates 75% of the students have scored below 72% and the 100th percentile marks that indicates 100% of the students have scored below 91%.

**etest\_p:**

The 25th percentile represents the marks that indicates 25% of the students have scored below 60%, the 50th percentile (median) marks that indicates 50% of the students have scored below 71%, the 75th percentile marks that indicates 75% of the students have scored below 83.5%% and the 100th percentile marks that indicates 100% of the students have scored below 98%.

**mba\_p:**

The 25th percentile represents the marks that indicates 25% of the students have scored below 57.94%, the 50th percentile (median) marks that indicates 50% of the students have scored below 62%, the 75th percentile marks that indicates 75% of the students have scored below 66.25% and the 100th percentile marks that indicates 100% of the students have scored below 77.89%.

**salary:**

The 25th percentile represents the salary that indicates 25% of the students are paid below 240000, the 50th percentile (median) represents the salary that indicates 50% of the students are paid below 265000, the 75th percentile represents the salary that indicates 75% of the students are paid below 300000 and the 100th percentile represents the salary that indicates 100% of the students are paid below 940000.

**Conclusion:**

The overall performance ssc\_p, hsc\_p and mba\_p in each quadrant falls under the Average category. The degree\_p and etest\_p falls under the category Good. The maximum salary is below 940000.