**Mean, Median, Mode and Percentile values of Placement Dataset**:

A table with numbers and letters

AI-generated content may be incorrect.

**INSIGHTS:**

Here we can analyse the percentile values by grouping them into four sections as follows:

* **Q1:25% to Q2:50%**
* **Q2:50% to Q3:75%**
* **Q3:75% to 99%**
* **99% to Q4:100%**

**Q1:25% to Q2:50%:**

For Q1 to Q2, i.e. when the percentile value increased by **25%**,

* SSLC marks (ssc\_p) of the placed members increased by **7%** (from 60.6 to 67.0)
* HSC marks (hsc\_p) of the placed members increased by **4.1%** (from 60.9 to 65.0)
* Degree marks(degree\_p) of the placed members increased by **5%** (from 61.0 to 66.0)
* MBA marks(mba\_p) of the placed members increased by **4.1%** (from 57.9 to 62.0)
* Entrance marks(etest\_p) of the placed members increased by **11%** (from 60.0 to 71.0)
* Salary of the placed members increased by **25000**(240000.0 to 265000.0)

**Q2:50% to Q3:75%:**

For Q2 to Q3, i.e. when the percentile value increased by **25%,**

* SSLC marks (ssc\_p) of the placed members increased by **8.7%** (from 67.0 to 75.7)
* HSC marks (hsc\_p) of the placed members increased by **8%** (from 65.0 to 73.0)
* Degree marks(degree\_p) of the placed members increased by **6%** (from 66.0 to 72.0)
* MBA marks(mba\_p) of the placed members increased by **4.25%** (from 62.0 to 66.255)
* Entrance marks(etest\_p) of the placed members increased by **11%** (from 71.0 to 83.5)
* Salary of the placed members increased by **35000**(265000.0 to 300000.0)

**Q3:75% to 99%:**

For Q3 to 99%, i.e. when the percentile value increased by **24%,**

* SSLC marks (ssc\_p) of the placed members increased by **11.3%** (from 75.7 to 87.0)
* HSC marks (hsc\_p) of the placed members increased by **18.86%** (from 73.0 to 91.86)
* Degree marks(degree\_p) of the placed members increased by **11.86%** (from 72.0 to 83.86)
* MBA marks(mba\_p) of the placed members increased by **9.859%** (from 66.255 to 76.1142)
* Entrance marks(etest\_p) of the placed members increased by **13.5%** (from 83.5 to 97.0)
* Salary of the placed members for 99% should be verified again for this section, after handling the outliers

**99% to Q4:100%:**

For 99% to Q4:100%, i.e. when the percentile value increased by **1%,**

* SSLC marks (ssc\_p) of the placed members increased by **2.4**% (from 87.0 to 89.4)
* HSC marks (hsc\_p) of the placed members increased by **5.84%** (from 91.86 to 97.7)
* Degree marks(degree\_p) of the placed members increased by **7.14%** (from 83.86 to 91.0)
* MBA marks(mba\_p) of the placed members increased by **1.775%** (from 76.1142 to 77.89)
* Entrance marks(etest\_p) of the placed members increased by **1%** (from 97.0 to 98.0)
* Salary of the placed members for 99% should be verified again for this section, after handling the outliers
* Salary of the placed members from Q3 to Q4(75% to 100%) increased by **640000.0**