**Percentile Summary Reports**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **sl\_no** | **ssc\_p** | **hsc\_p** | **degree\_p** | **etest\_p** | **mba\_p** | **salary** |
| Mean | 108 | 67.3034 | 66.33316 | 66.370186 | 72.100558 | 62.278186 | 288655.4054 |
| 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% | 212.86 | 87.0 | 91.86 | 83.86 | 97.0 | 76.1142 | NaN |
| Q4:100% | 215 | 89.4 | 97.7 | 91 | 98 | 77.89 | 940000 |

**Key Observations:**

1. **25th Percentile (Q1):**
   * Students in the bottom 25% scored around **60%** in most areas, including secondary and higher secondary percentages, degree, and employability test scores.
   * Salaries in this quartile are approximately **240,000 INR**.
2. **50th Percentile (Q2, Median):**
   * Median academic scores range from **65-67%**, while employability test scores rise to **71%**.
   * Median salary is **265,000 INR**, representing the middle value of the distribution.
3. **75th Percentile (Q3):**
   * The top 25% scored **above 73-75%** in academics and **83.5%** in employability tests.
   * Salaries in this quartile reach up to **300,000 INR**.
4. **100th Percentile (Q4):**
   * The top performers achieved **up to 97.7% in HSC**, **91% in their degree**, and **98% in employability tests**.
   * The highest salary in this dataset is **940,000 INR**, indicating significant salary variance between top and lower performers.

This analysis highlights a significant range in both academic performance and salary, especially with a sharp increase at the 100th percentile for both