**Skewness and Kurtosis**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **sl\_no** | **ssc\_p** | **hsc\_p** | **degree\_p** | **etest\_p** | **mba\_p** | **salary** |
| **Mean** | 108 | 67.303395 | 66.333163 | 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 |
| **Q4:99%** | 212.86 | 87 | 91.86 | 83.86 | 97 | 76.1142 | NaN |
| **Q5:100%** | 215 | 89.4 | 97.7 | 91 | 98 | 77.89 | 940000 |
| **IQR** | 107 | 15.1 | 12.1 | 11 | 23.5 | 8.31 | 60000 |
| **1.5Rule** | 160.5 | 22.65 | 18.15 | 16.5 | 35.25 | 12.465 | 90000 |
| **Lesser** | -106 | 37.95 | 42.75 | 44.5 | 24.75 | 45.48 | 150000 |
| **Greater** | 322 | 98.35 | 91.15 | 88.5 | 118.75 | 78.72 | 390000 |
| **Min** | 1 | 40.89 | 37 | 50 | 50 | 51.21 | 200000 |
| **Max** | 215 | 89.4 | 97.7 | 91 | 98 | 77.89 | 940000 |
| **Kurtosis** | -1.2 | -0.60751 | 0.450765 | 0.052143 | -1.08858 | -0.470723 | 18.544273 |
| **Skewness** | 0 | -0.132649 | 0.163639 | 0.244917 | 0.282308 | 0.313576 | 3.569747 |

**Kurtosis**

Except salary, all other columns are having the value of less than 3, so except salary column all the values are comes under **playkurtic.**

Kurtosis value of salary is 18.54, which is greater than 3 then its fall under **leptokurtic**

**Skewness**

Except ssc\_p column all the other column values are greater than 0, then skew>0 except ssc\_p ,all columns are having **negative skewness.**

Mean<Median<Mode.

Only ssc\_p having **positive skewness**, where the value is less than 0 which is -0.13. Mean>Median>Mode.

If considering the serial no column only have the skewness=0, so its fall under **normal skewness**. It is symmetrical. Values are increasing the particular same order.

Mean=Median=Mode.