***KNN Tuning Table***

**KNN\_Classification Tuning Table** :

|  |  |
| --- | --- |
| Value of K | Accuracy |
| 1 | 92.0 |
| 3 | 92.0 |
| 5 | 96.0 |
| 10 | 96.0 |
| 15 | 100.0 |

K=15 has the highest value here.

**Test Accuracy :** 96.0

**KNN Regression Tuning Table:**

|  |  |
| --- | --- |
| Value of K | Mean Squared Error |
| 1 | 4692.180327868852 |
| 3 | 3118.6284153005463 |
| 5 | 2617.9429508196736 |
| 10 | 2537.324098360655 |
| 15 | 2448.80276867031 |

K=15 has the lowest error here.

**Mean Squared Error :** 2983.0317996870117