# KNN classification:

|  |  |
| --- | --- |
| **K** | **Validation Accuracy** |
| 1 | 85.71428571428571 |
| 3 | 90.47619047619048 |
| 5 | 90.47619047619048 |
| 10 | 90.47619047619048 |
| 15 | 90.47619047619048 |

**Test Accuracy**: 90.9090909090909 (K=3)

KNN regression:

|  |  |
| --- | --- |
| K | **Validation Mean Squared Error** |
| 1 | 5213.0675675675675 |
| 3 | 4285.534534534534 |
| 5 | 3195.8427027027024 |
| 10 | 2818.4391891891887 |
| 15 | 2856.82918918919 |

**Test Mean Squared Error:** 3299.9776811594197 (K=10)