# KNN classification:

| **K** | **Validation Accuracy** |
| --- | --- |
| 1 | 34.61538461538461 |
| 3 | 34.61538461538461 |
| 5 | 38.46153846153847 |
| 10 | 38.46153846153847 |
| 15 | 38.46153846153847 |

**Test Accuracy**: 33.33333333333333 (K=5)

KNN regression:

| K | **Validation Mean Squared Error** |
| --- | --- |
| 1 | 18.776814308167683 |
| 3 | 12.569902934375099 |
| 5 | 8.80743933657624 |
| 10 | 15.209566471283786 |
| 15 | 0.9280476233469545 |

**Test Mean Squared Error:** 2.4391465942814574 (K=15)