# KNN classification:

|  |  |
| --- | --- |
| **K** | **Validation Accuracy** |
| 1 | 90.47619047619048 |
| 3 | 95.23809523809523 |
| 5 | 100.0 |
| 10 | 100.0 |
| 15 | 100.0 |

**Test Accuracy**: 84.21052631578947 (K=5)

KNN regression:

|  |  |
| --- | --- |
| K | **Validation Mean Squared Error** |
| 1 | 28094.341325861184 |
| 3 | 28094.782090500827 |
| 5 | 28095.3607272607 |
| 10 | 28095.08009360206 |
| 15 | 28095.002501437666 |

**Test Mean Squared Error:** 6957.692956327476 (K=1)

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Course: CSE 3812

Section: A