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| **Model** | | | | | | | | | **Training RMSE** | **Training R-squared** | **Training MAE** | **Test data RMSE** | **Testing R-squared** | **Testing MAE** |
| **Linear Regression** | | | | | | | | | 1.18 | 0.82 | 0.78 | 1.18 | 0.82 | 0.78 |
| **GLMNet** | | | | | | | | | 1.23 | 0.86 | 0.81 | 1.13 | 0.83 | 0.72 |
| **SVM** | | | | | | | | | 1.26 | 0.85 | 0.79 | 1.11 | 0.84 | 0.73 |
| **KNN** | | | | | | | | | 2.29 | 0.59 | 1.61 | 2.02 | 0.49 | 1.47 |
| **DT** | | | | | | | | | 1.41 | 0.82 | 0.90 | 1.17 | 0.82 | 0.69 |
| **RT** | | | | | | | | | 1.29 | 0.85 | 0.84 | 1.15 | 0.83 | 0.72 |
| **XGBoost** | | | | | | | | | 1.32 | 0.84 | 0.85 | 1.19 | 0.82 | 0.75 |