

Results

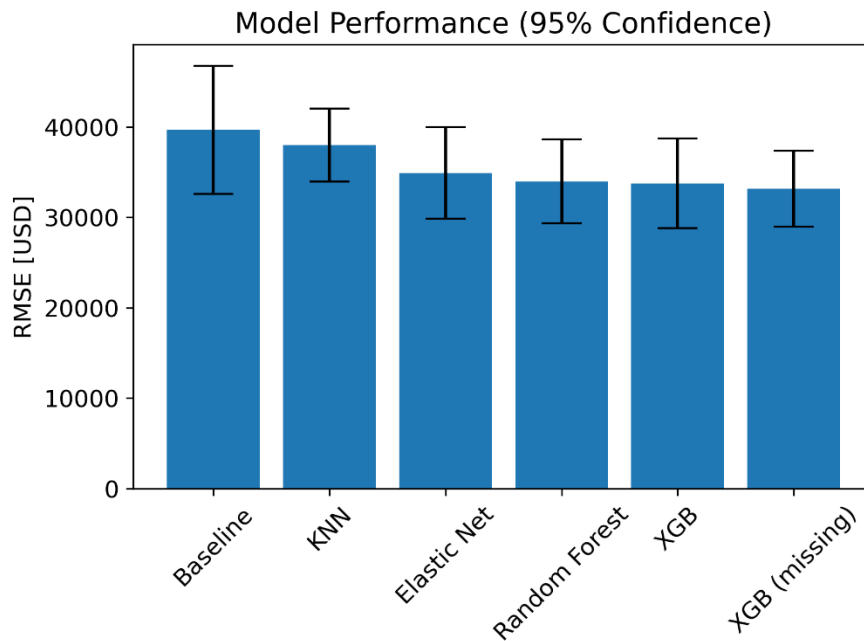


Figure 1: Models' test performance across 5 random states

Model	Average RMSE	Standard Deviation	Upper Bound (95% Confidence)	Standard Deviations from Baseline
Baseline	39,679	3,546	46,772	0
Elastic Net	34,922	2,524	42,014	-1.34
KNN	37,996	2,013	45,089	-0.47
Random Forest	33,958	2,323	41,051	-1.61
XGBoost (reduced features)	33,761	2,481	40,854	-1.67
XGBoost (with missing values)	33,181	2,095	40,273	-1.83

Table 1: Measurements of test performance by model