

NOX Tahmini - Model Karsilastirma Tablosu

Model	Train MAE	Test MAE	Train RMSE	Test RMSE	MAPE	Median AE	Train R²	Test R²	Max Error
XGBoost (Default)	6.38	9.53	8.8	13.74	22.13	6.37	0.8934	0.7257	86.8
XGBoost (Optimized)	6.98	9.27	7.94	13.36	21.54	6.22	0.8695	0.7407	82.29
Random Forest (Default)	6.99	11.35	8.53	13.9	23.01	6.59	0.7357	0.6364	84.99
Random Forest (Optimized)	7.39	10.0	8.82	13.76	22.95	6.93	0.7121	0.6544	87.55
LightGBM (Default)	6.92	10.35	8.53	14.65	24.46	7.16	0.7773	0.6688	83.79
LightGBM (Optimized)	6.12	8.91	7.45	12.56	20.65	5.95	0.7945	0.7495	86.78
CatBoost (Default)	7.7	9.37	8.5	13.83	23.6	6.93	0.8432	0.7392	88.25
CatBoost (Optimized)	5.88	8.67	7.14	12.58	20.02	5.91	0.9087	0.7699	82.2