SO₂ Model Karşılaştırma Tablosu

Model	Train MAE	Test MAE	Train RMSE	Test RMSE	MAPE (%)	Median AE	Train R²	Test R²	Max Error
XGBoost (Default	0.41	0.6	0.58	0.9	20.92	0.41	0.8357	0.6038	6.7
XGBoost (Optimiz	0.54	0.64	0.78	0.95	22.58	0.45	0.7063	0.554	6.68
ndom Forest (Def	0.2	0.53	0.31	0.84	18.02	0.32	0.9536	0.6554	6.79
ndom Forest (Optir	0.65	0.73	0.91	1.05	25.65	0.53	0.6011	0.4547	7.35
LightGBM (Defaul	0.6	0.67	0.83	0.97	23.73	0.49	0.6659	0.5335	7.06
LightGBM (Optimiz	0.53	0.63	0.75	0.92	22.08	0.45	0.727	0.5805	6.67
CatBoost (Default	0.5	0.61	0.72	0.9	21.42	0.44	0.7533	0.5985	6.64
CatBoost (Optimiz	0.5	0.61	0.72	0.9	21.19	0.44	0.7489	0.6055	6.41