

и.	RMSE	Λf	Mod	عاما
н:	KIM2E	OI.	MOTAL	leis

Method	Train	Test	Train and Test
Neural Network	10655.21	1040.02	9648.20
Prophet	19868.51	7172.57	18372.23
ETS	18371.19	2130.56	16793.06
SARIMA	20759.33	1657.34	18962.66
Hybrid*	15673.89	956.57	14183.43
Bayesian Structural	23734.90	8782.42	21961.55

*Hybrid: Combined SARIMA, ETS, STL

and Neural Network model

I: R-squared of Models

Train	Test	Train and Test
0.83	0.26	0.82
0.11	0.01	0.09
0.24	0.08	0.24
0.03	0.07	0.03
0.74	0.05	0.74
0.00	0.05	0.00
	0.83 0.11 0.24 0.03 0.74	0.83 0.26 0.11 0.01 0.24 0.08 0.03 0.07 0.74 0.05

*Hybrid: Combined SARIMA, ETS, STL and Neural Network model

Fitted — Forecasted — Observed

J: MAE of Models

Method	Train	Test	Train and Test
Neural Network	2521.32	830.03	2213.82
Prophet	5505.18	5119.74	5440.94
ETS	4434.40	1784.40	3992.73
SARIMA	3953.81	1472.36	3540.24
Hybrid*	3173.17	737.50	2730.32
Bayesian Structural	7712.64	6522.06	7514.21

*Hybrid: Combined SARIMA, ETS, STL and Neural Network model