

A: Neural Network



B: Prophet



C: ETS



D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	673.41	16752.65	7169.28
Prophet	5105.51	21340.62	9880.56
ETS	4885.63	18807.29	8879.38
SARIMA	4861.50	26811.56	11811.23
Hybrid*	3622.43	21943.34	9913.80
Bayesian Structural	6659.58	18977.09	9847.84

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	1.00	0.01	0.70
Prophet	0.78	0.65	0.43
ETS	0.80	0.50	0.52
SARIMA	0.82	0.41	0.31
Hybrid*	0.88	0.46	0.43
Bayesian Structural	0.68	0.61	0.46

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	508.52	15003.31	3143.93
Prophet	3653.93	20851.96	6520.27
ETS	3228.79	18009.77	5692.29
SARIMA	3253.86	25995.81	7044.18
Hybrid*	2350.39	21200.48	5777.68
Bayesian Structural	4277.82	18368.49	6626.26

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