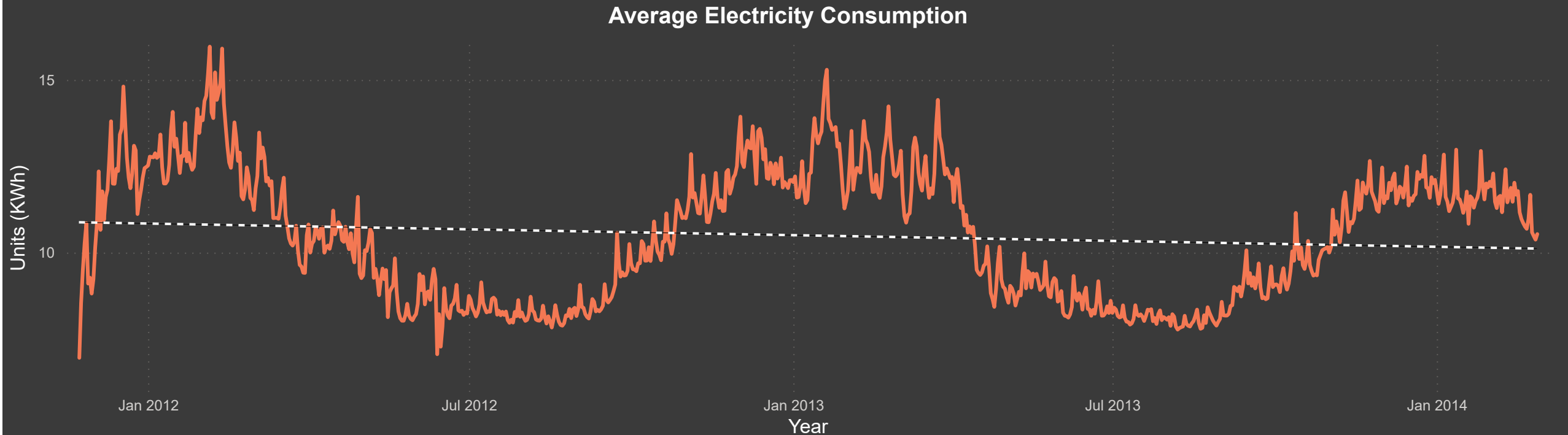
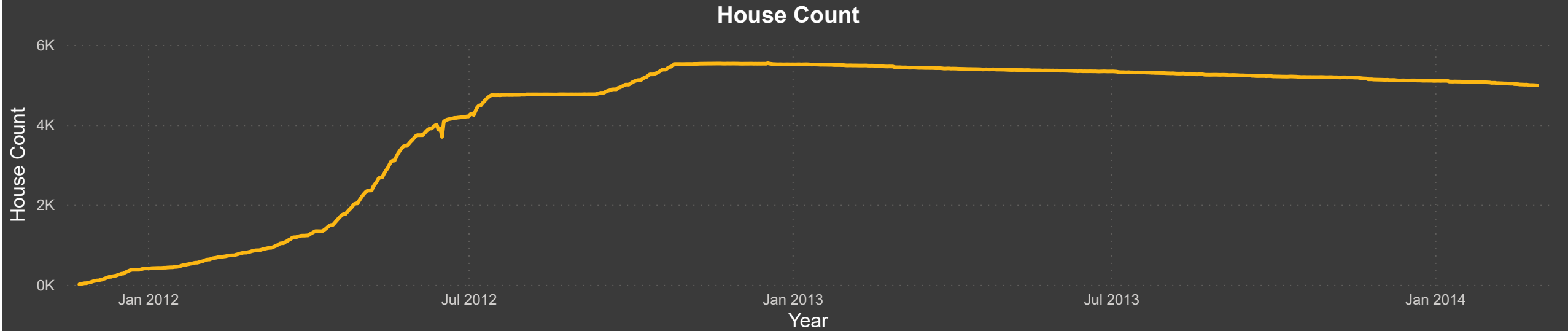
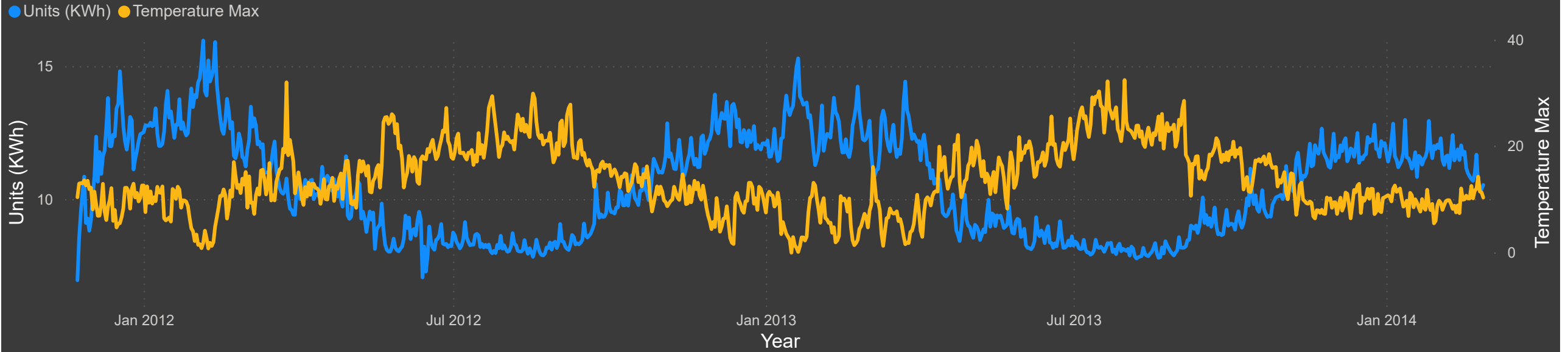


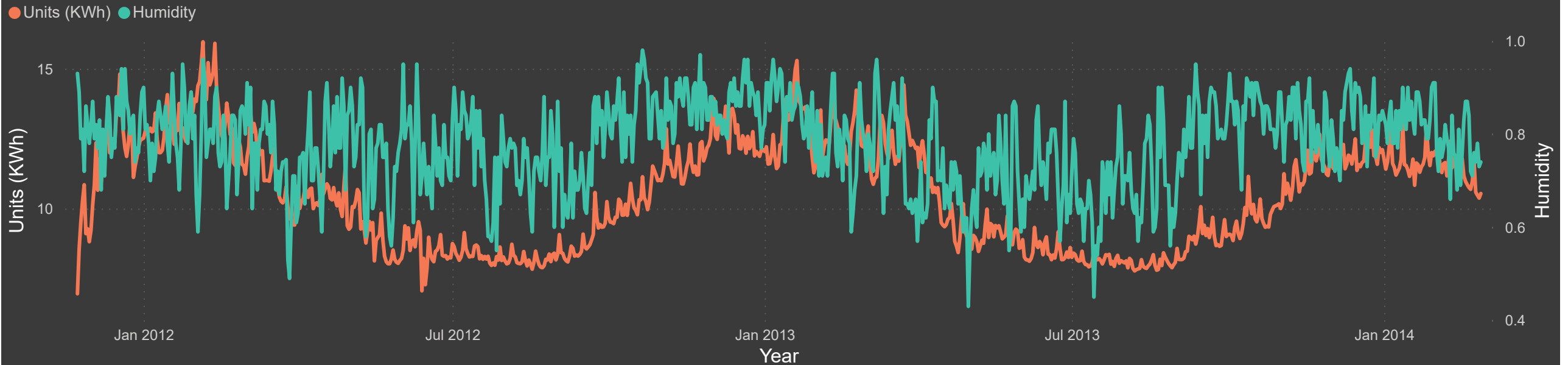
# Electricity Consumption Forecast using Time Series Forecasting



### Average Electricity Consumption VS Temperature Max

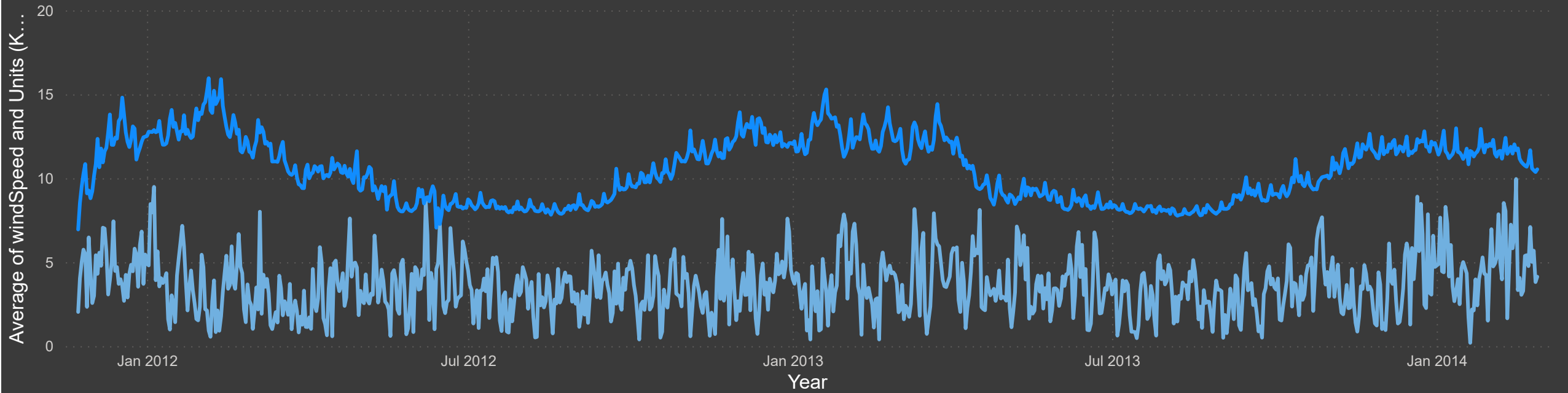


### Average Electricity Consumption VS Humidity



## Average Electricity Consumption VS WindSpeed

● Average of windSpeed ● Units (KWh)



10.50

Average of avg\_energy

13.69

Average of temperatureMax

0.78

Average of humidity

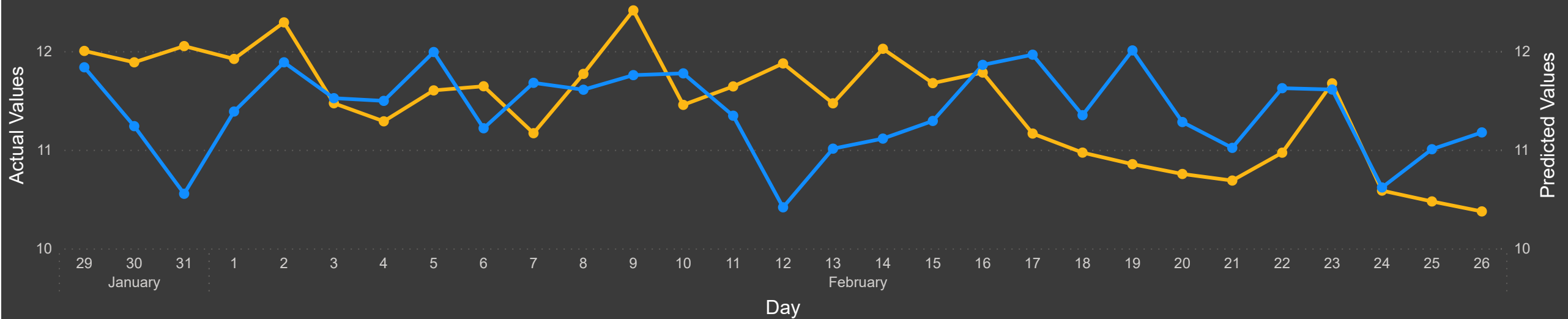
3.60

Average of windSpeed

# SARIMAX Prediction

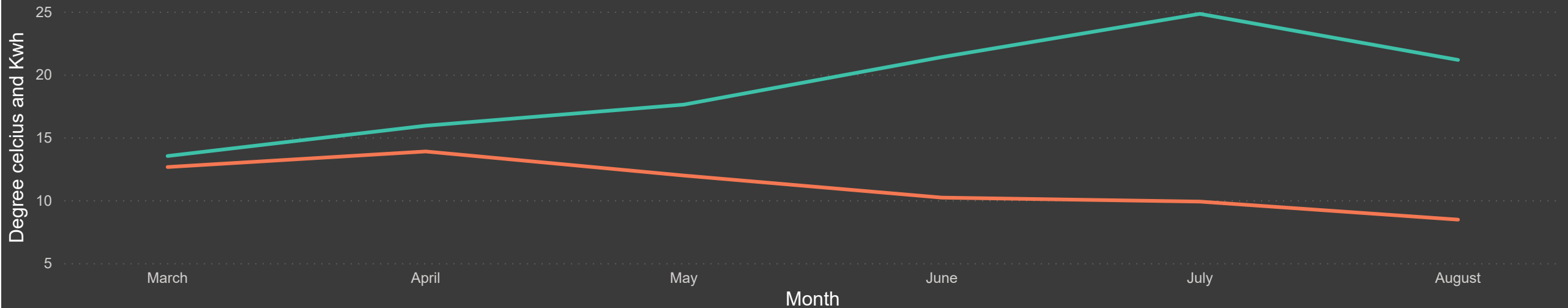
## Actual Values VS Predicted Values using SARIMAX

● Actual Values ● Predicted Values



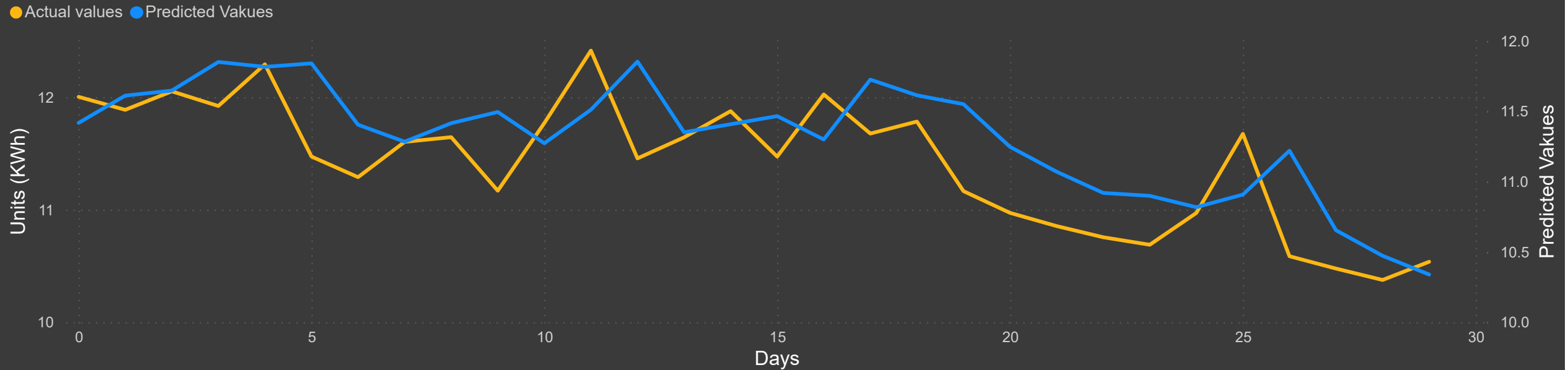
## 6 months prediction

● Degree celcius ● Kwh

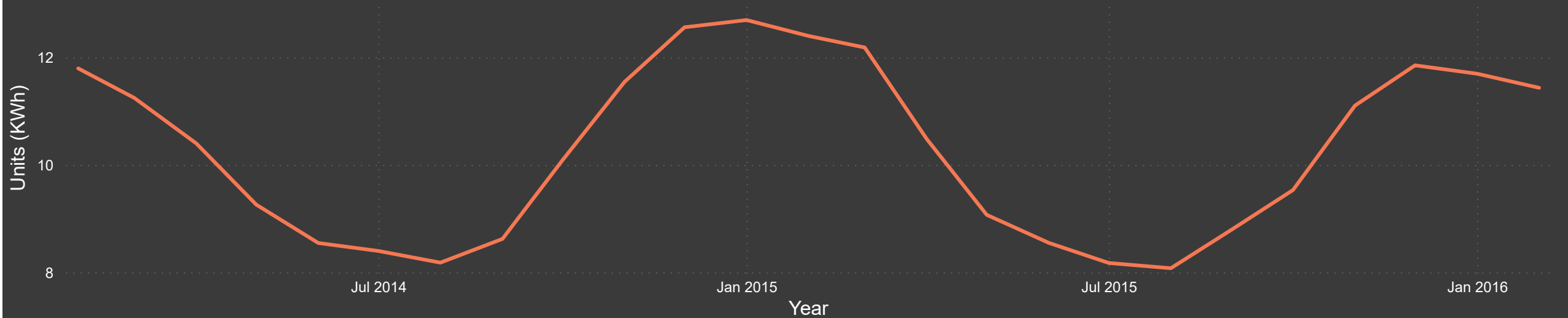


# LSTM PREDICTION

## Actual Values VS Predicted Values using LSTM

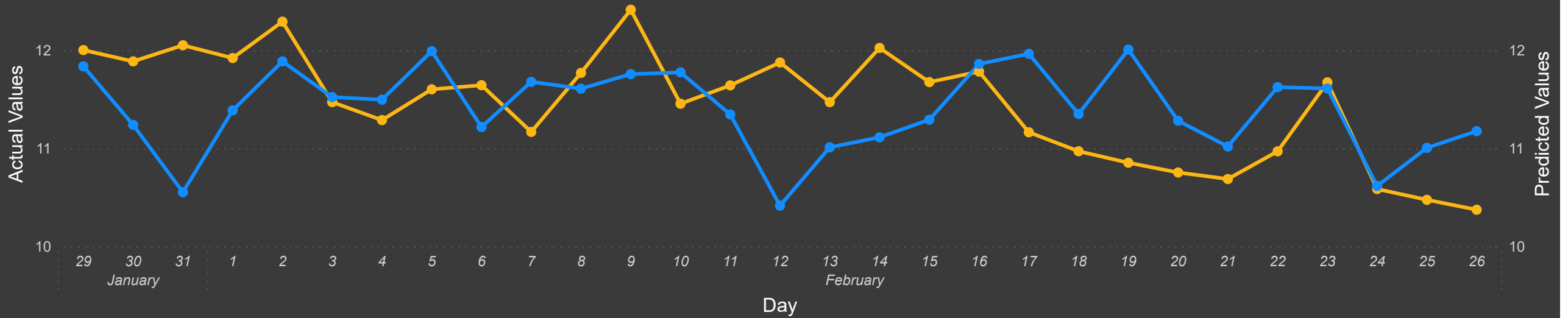


## 2 Year Forecast Using LSTM



### Actual Values VS Predicted Values using SARIMAX

● Actual Values ● Predicted Values



### Actual Values VS Predicted Values using LSTM

● Actual values ● Predicted Vakues

