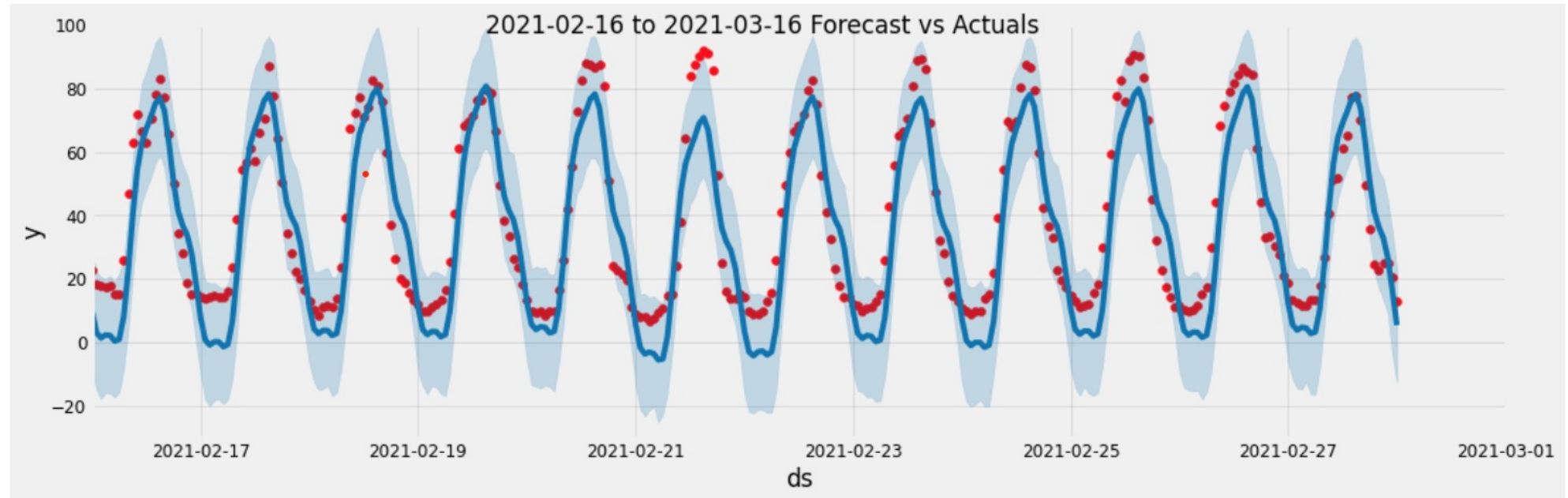


```
<ipython-input-219-b8b9374dc3a6>:8: FutureWarning: The pandas.datetime class is deprecated and will be removed from pandas in a future version. Import from datetime module instead.
upper=pd.datetime(2021,3,1))
```

Out[219]: (-30.0, 100.0)



```
In [215]: mean_squared_error(y_true=pjme_test['occupancy_rate'], y_pred=pjme_test_fcst['yhat'])
```

Out[215]: 1501.4718017219782

Model performance evaluation

```
In [216]: def mean_absolute_percentage_error(y_true, y_pred):
            """Calculates MAPE given y_true and y_pred"""
            y_true, y_pred = np.array(y_true), np.array(y_pred)
            return np.mean(np.abs((y_true - y_pred) / y_true)) * 100

mean_absolute_percentage_error(y_true=pjme_test['occupancy_rate'], y_pred=pjme_test_fcst['yhat'])
```

Out[216]: 130.44262300894303