Supply Chain Delivery KPIs Dashboard

Generated by Prasanth Dadala
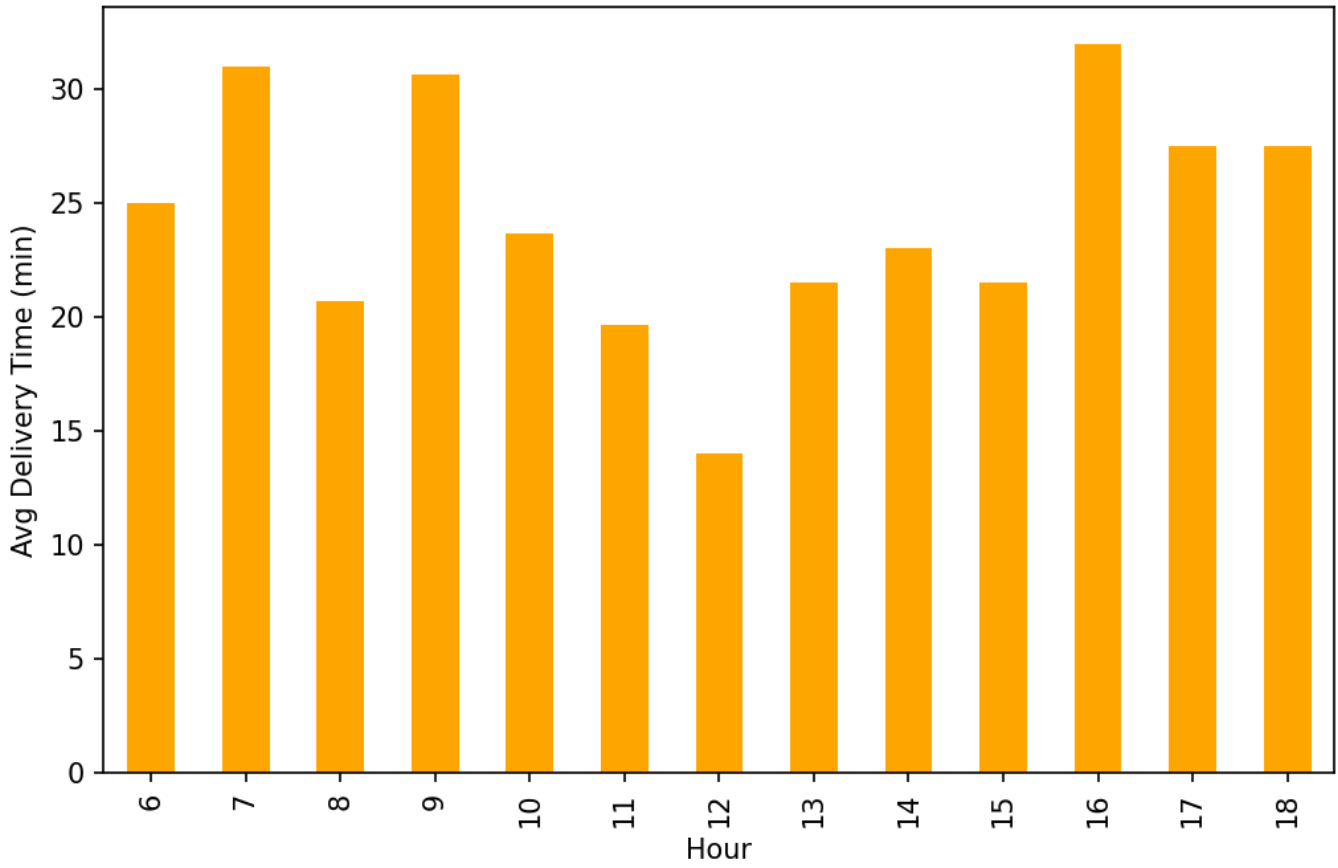
Daxwell Data Analyst Project

Key Performance Indicators (KPIs)

- Average Delivery Time: 24.9 minutes

- Median Delivery Time: 25.0 minutes

- % Deliveries During Peak Traffic: 41.4%
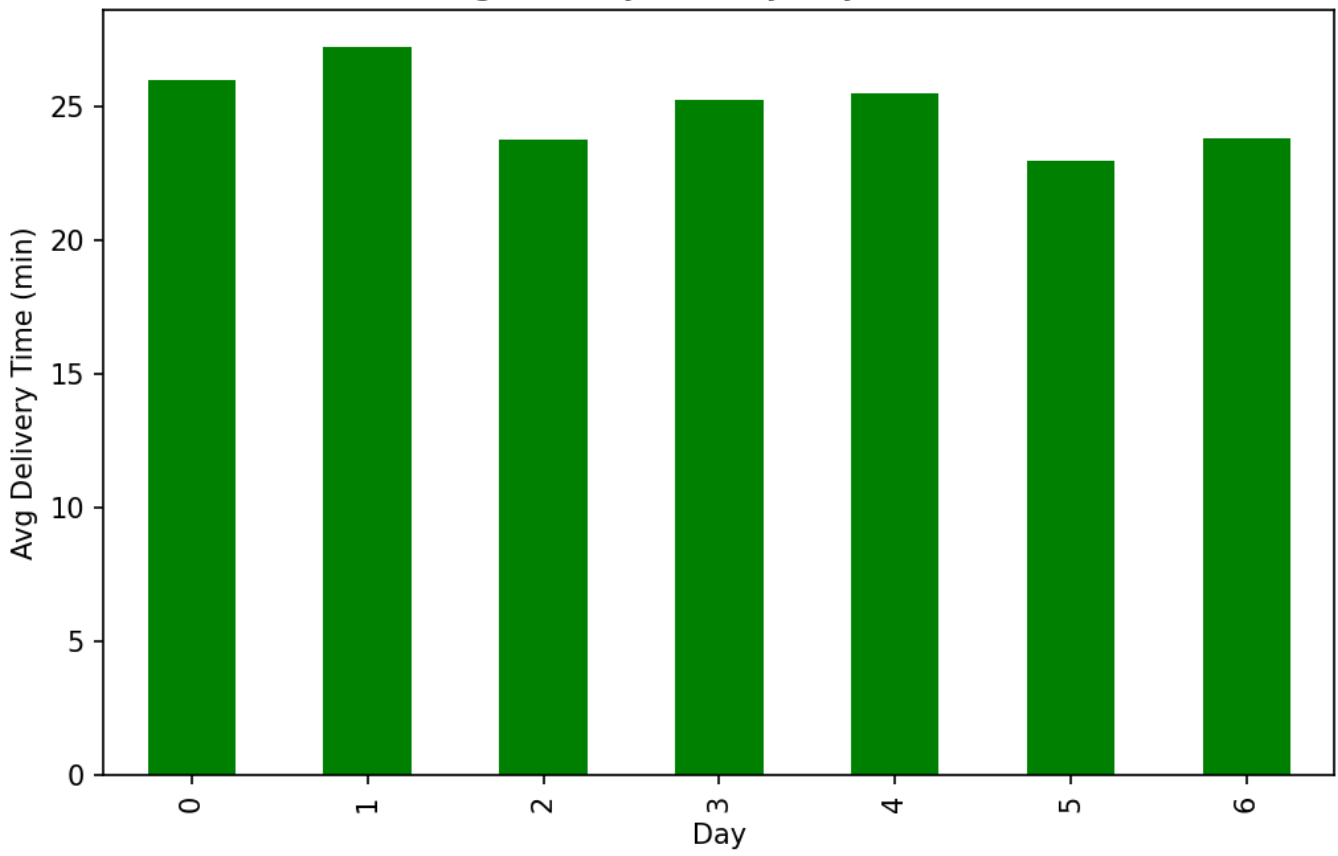
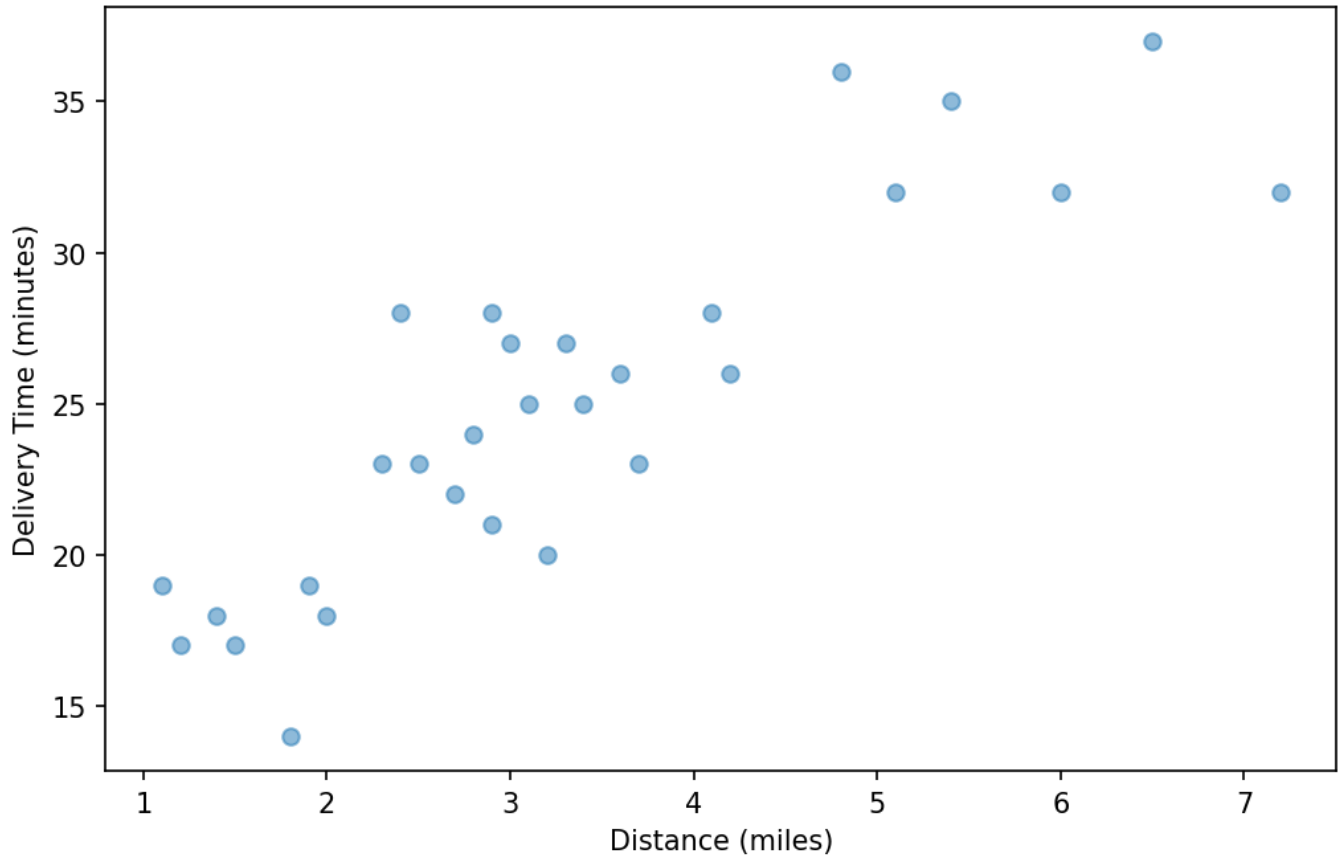- Average Delivery Distance: 3.31 miles

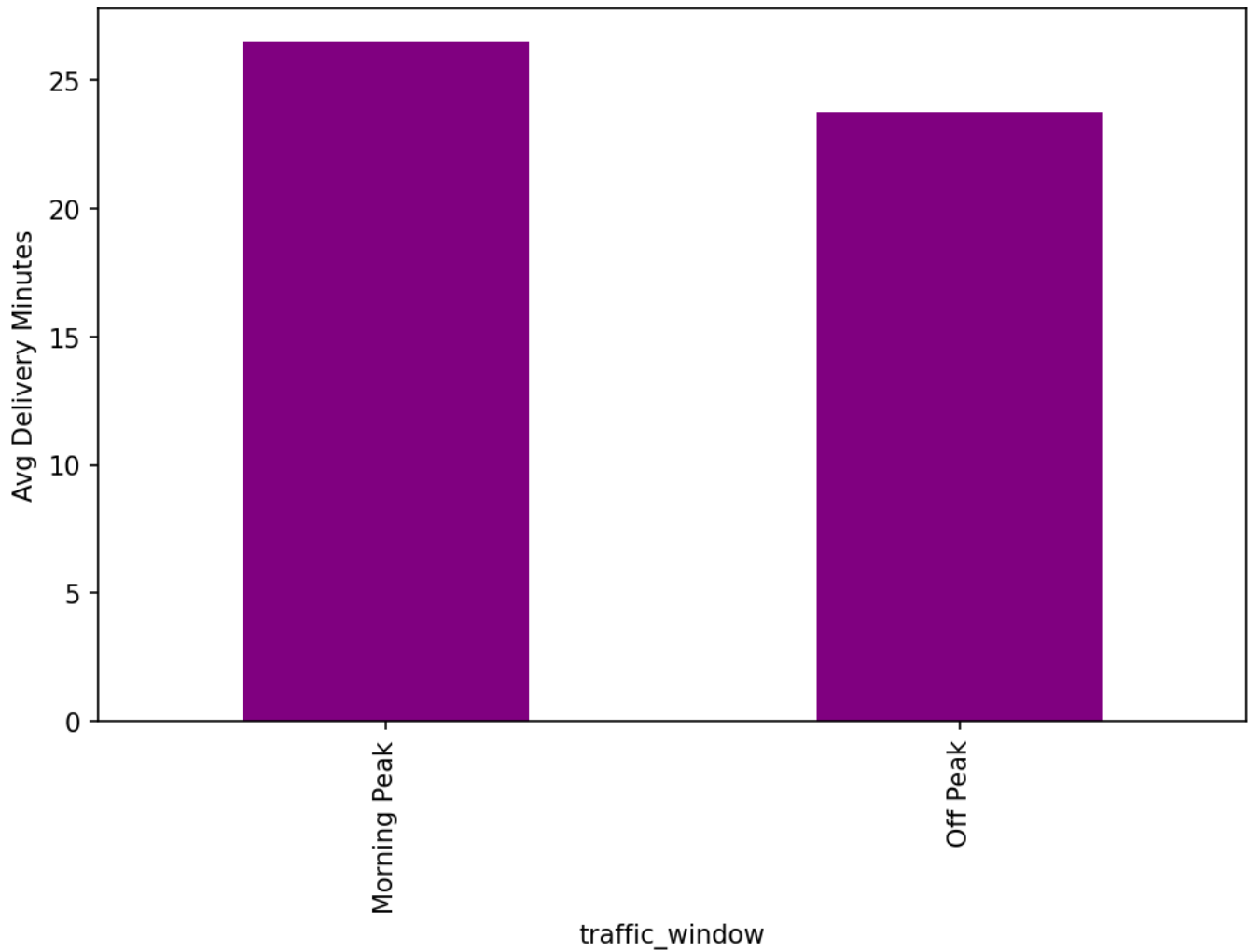## Visual Insights

Avg Delivery Time by Hour of Day
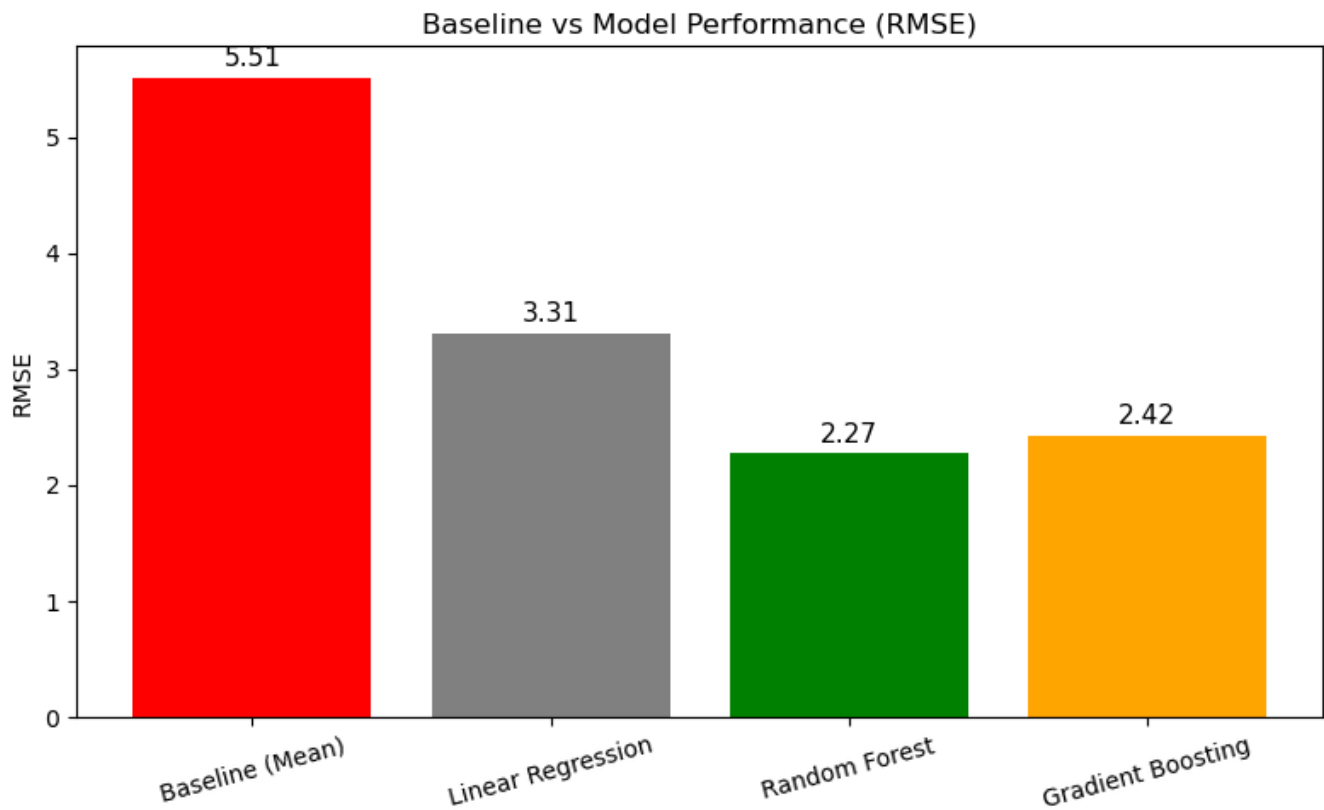
Avg Delivery Time by Day of Week

Distance vs Delivery Time

Delivery Time by Traffic Window

Baseline vs Model Performance (RMSE)

Key Operational Insights

1. Distance is the strongest predictor of delivery time.

2. Morning and evening peaks cause the longest delays.

3. Even short-distance deliveries face high congestion delays during rush hours.

4. Random Forest & Gradient Boosting models provide the most accurate ETA predictions.