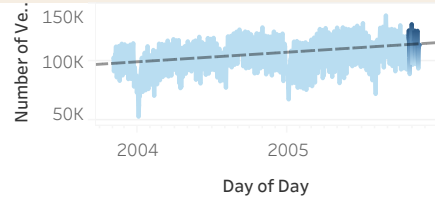


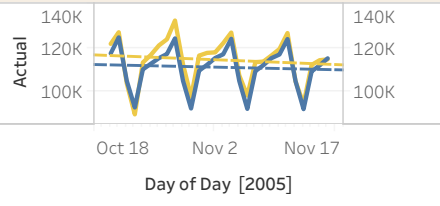
# Forecast Intelligence Dashboard: SARIMA vs Prophet

Forecast Prediction of last 28 days of Traffic volume. SARIMA performs better in short-term forecasts, while Prophet excels in capturing long-term trends and seasonal shifts. Residual and anomaly comparisons reveal complementary strengths across models. A hybrid strategy using SARIMA for near-term and Prophet for ex..

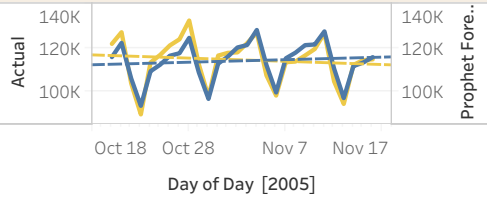
Traffic Volume



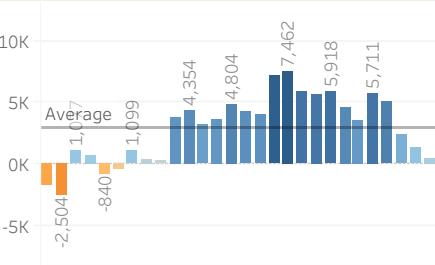
SARIMA Forecast



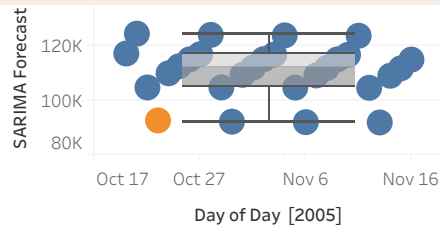
Prophet Forecast



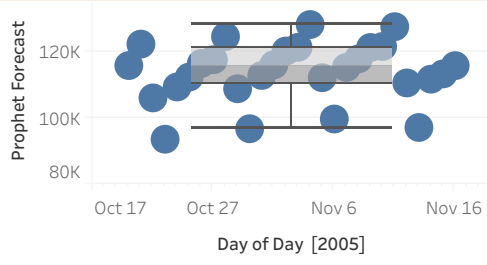
Forecast Difference



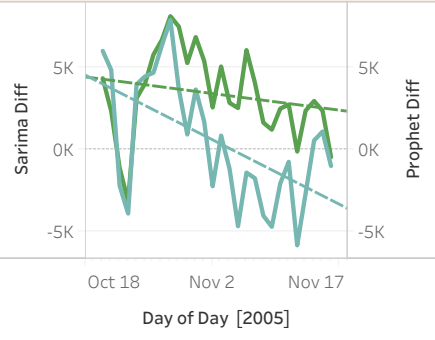
Traffic Forecast Variation - Sarima Model



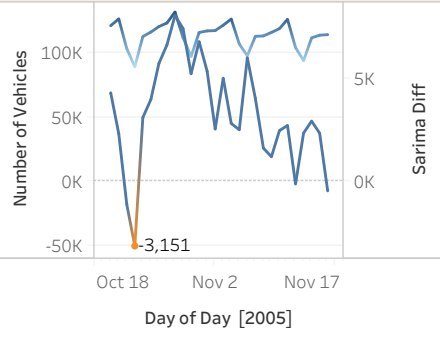
Traffic Forecast Variation - Prophet Model



Residual Comparison



Anomaly Detection - SARIMA



Anomaly Detection - Prophet

