

# Demand Forecast Report - 30 Day Forecast

Data source: forecast\_time\_series\_data.csv  
Date range (history): 2023-01-01 to 2024-12-31  
Forecast horizon: 30 days

## Key Metrics

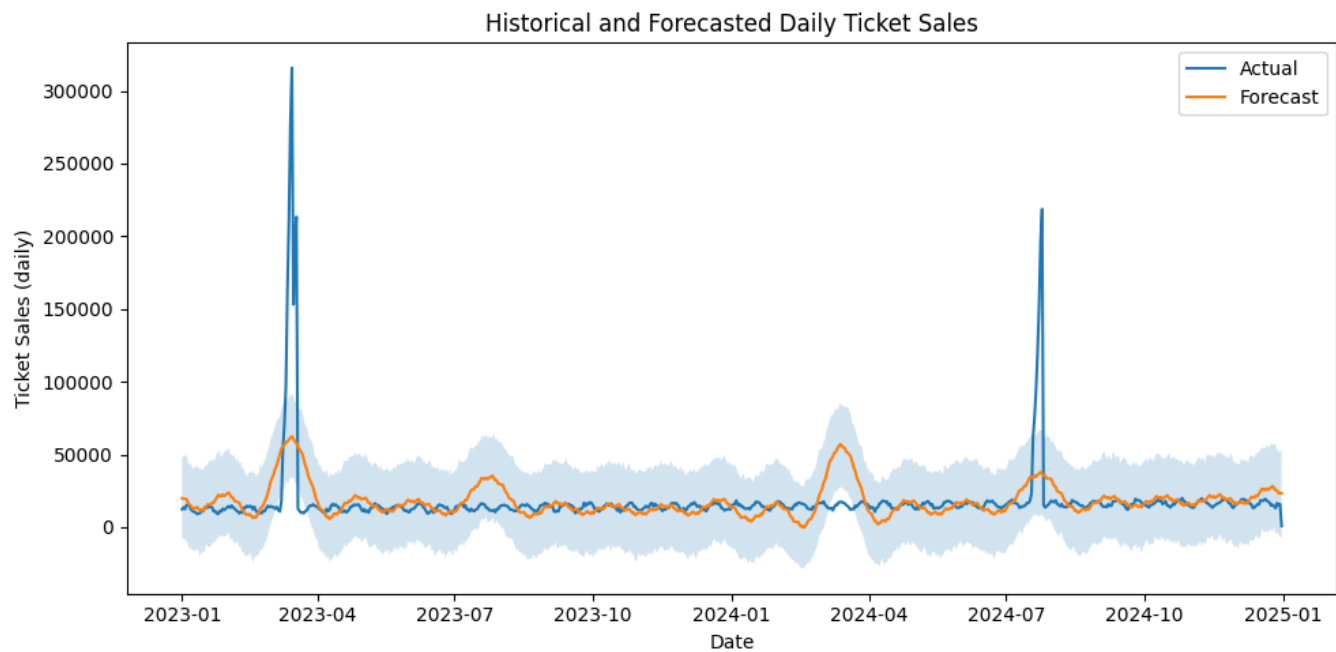
- MAE (last 30 days): 6796.13
- RMSE (last 30 days): 8271.04

## Business Interpretation

The forecast provides expected daily ticket sales for the next 30 days based on historical daily totals.

- Forecast accuracy (MAE, RMSE) shows the typical daily error: MAE = 6796.13, RMSE = 8271.04.
- Use these results for planning staffing, inventory, or marketing.
- If errors are small compared to daily volume, the forecast is reliable for operational planning.
- If errors are large, consider adding a safety margin or re-training with more recent data.

## Visuals



Forecast vs Actual (Test Period)

