

CRIME COMPLAINTS IN NEW YORK CITY

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BUSINESS UNDERSTANDING



Analyze NYC
Crime Trends



Predict Future
Crime In NYC



Evaluate Model &
Recommend Next
Steps



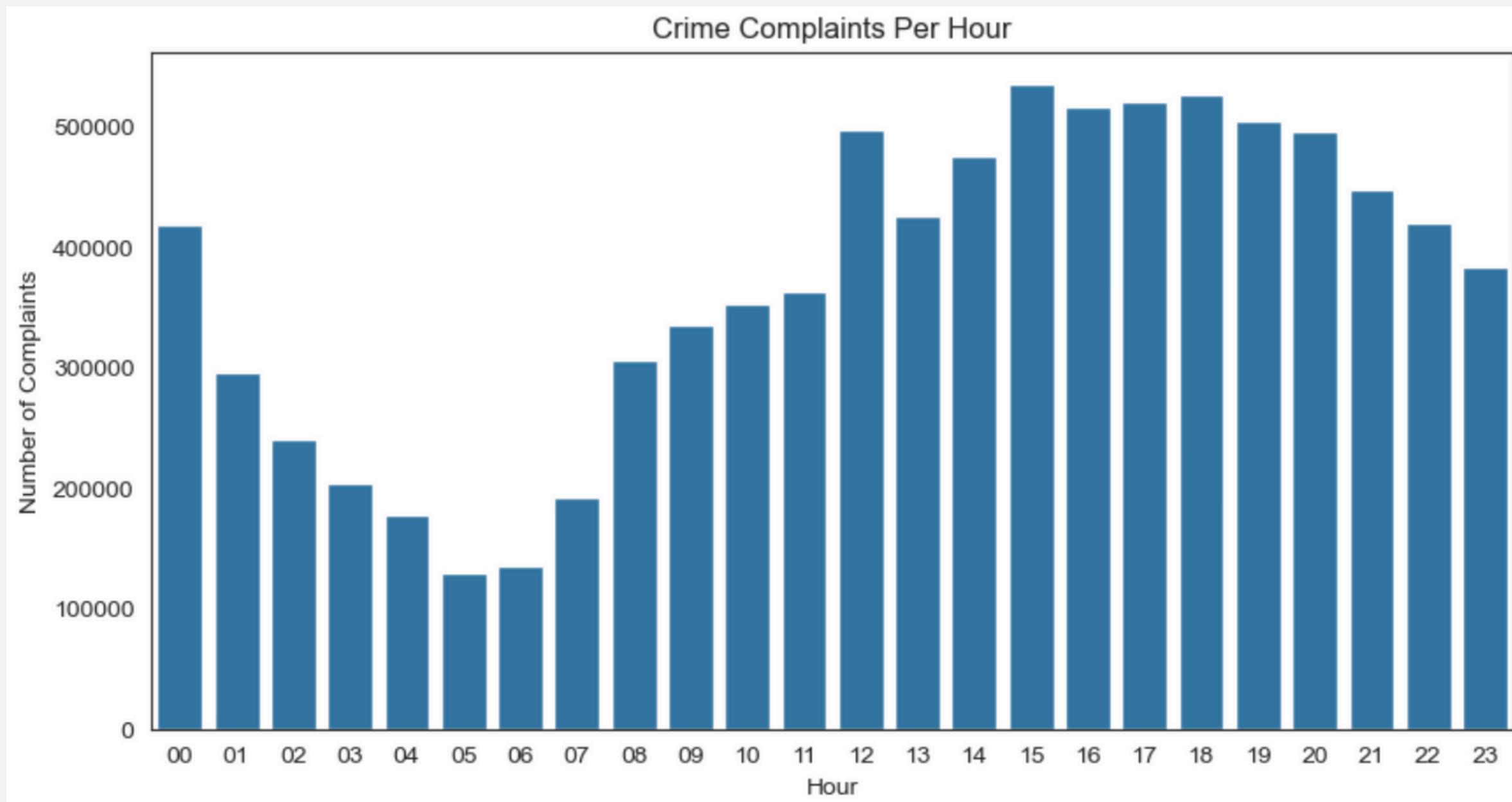
DATA UNDERSTANDING

Approx. 9 million crime
complaints to NYPD

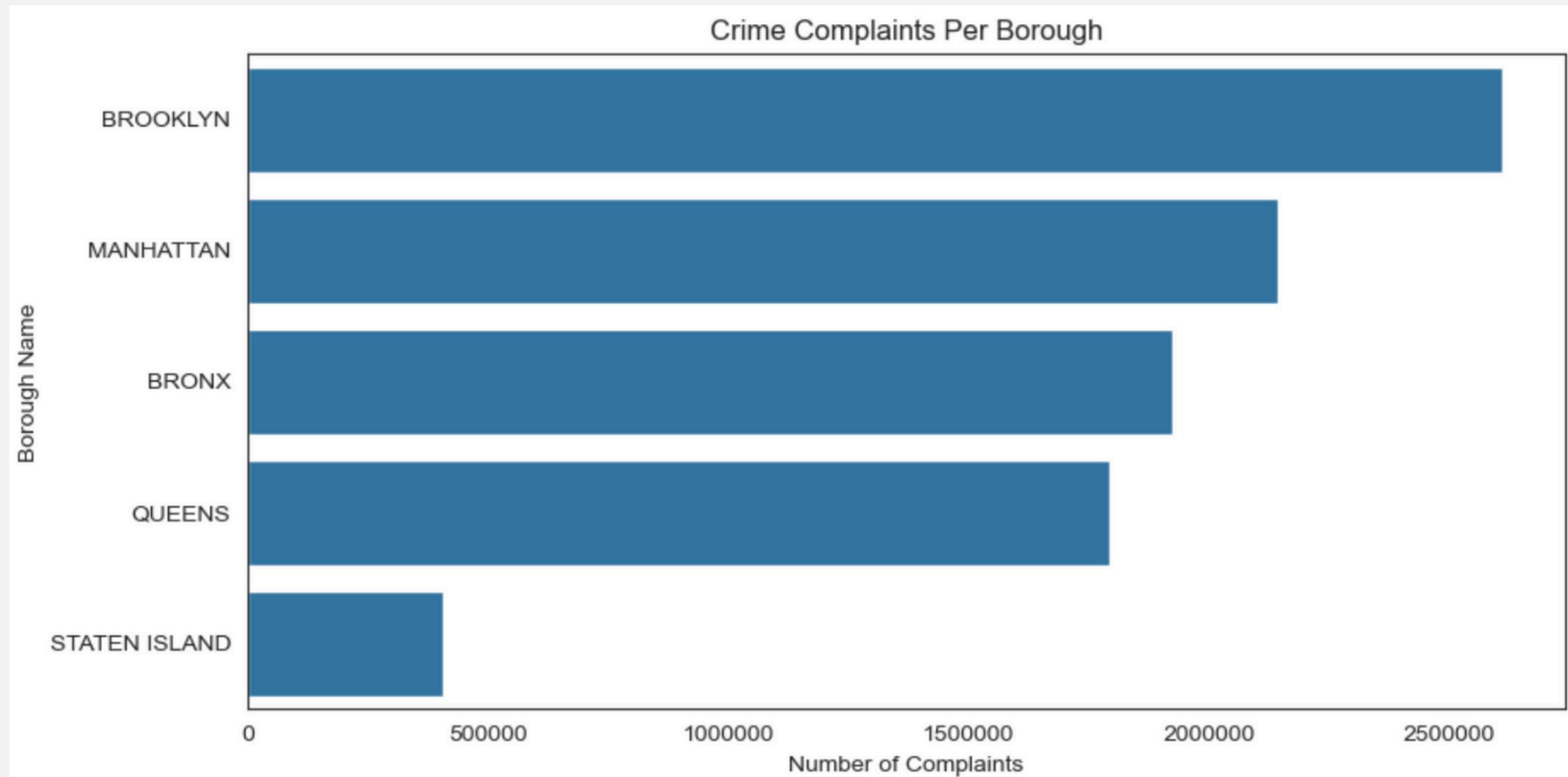
Complaints from
2006 - 2023

Target: # of
complaints per day

DATA TRENDS

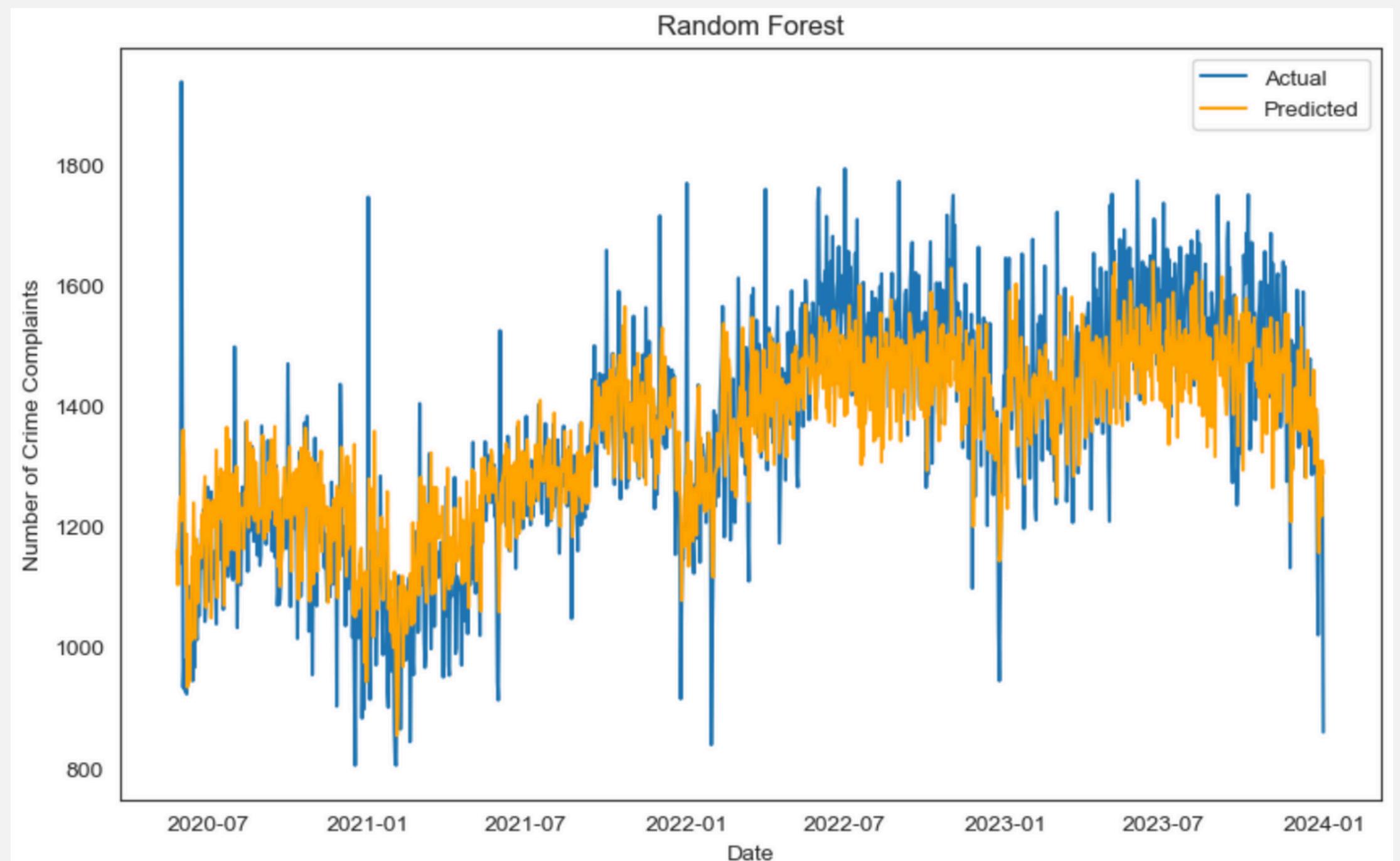


DATA TRENDS



MODELING

Random Forest Classifier



EVALUATION

RMSE: 114

NEXT STEPS

Step 1

Model Improvement

Step 2

Deployment

Step 3

Long-Term Monitoring
and Model Update

THANK YOU

Do you have any questions?

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