5 Star Helper

Young Jeong

superhost

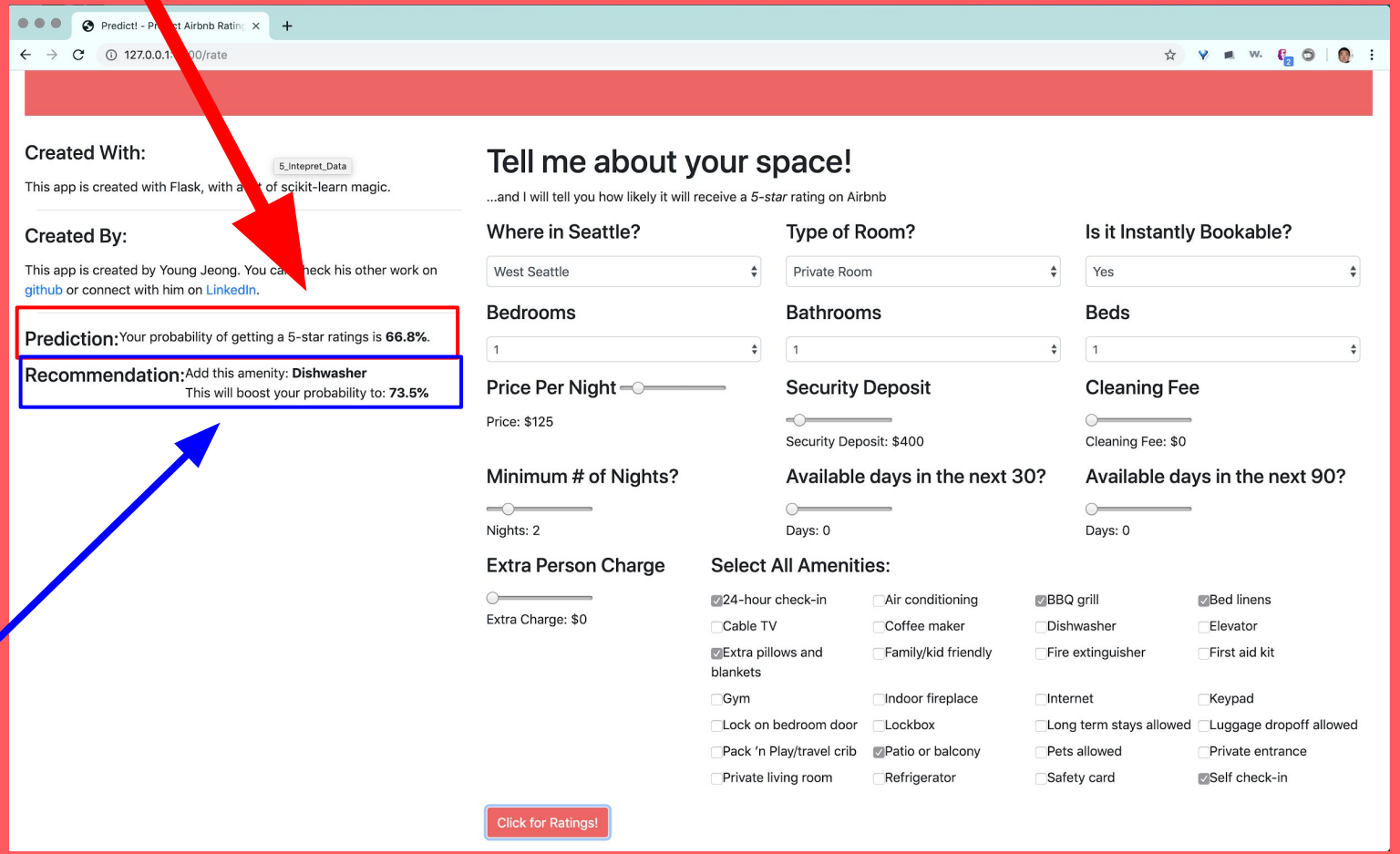
- 7x search exposure
- 70% more bookings
- Yearly bonuses

SuperHosts Monthly Avg:

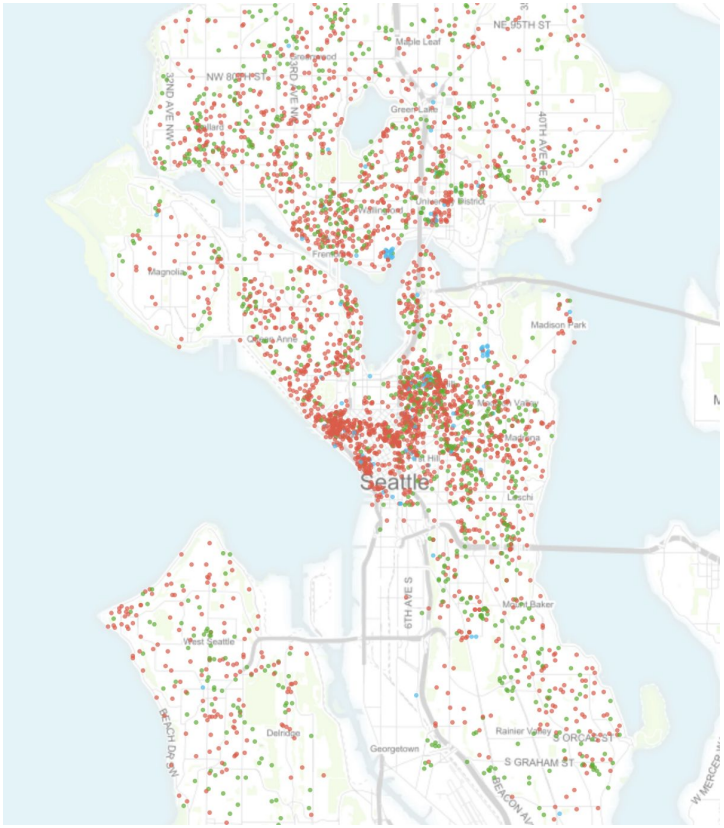
$4950

Others: $3310

Product

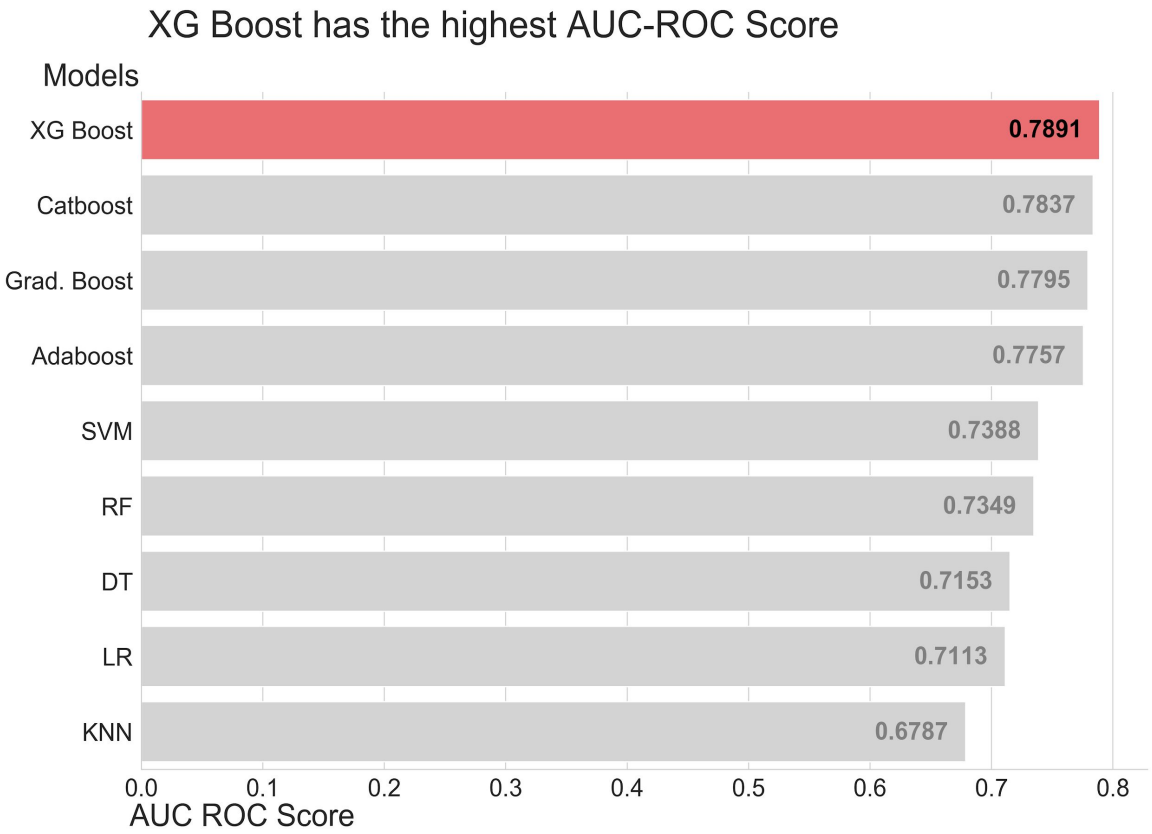

Created With:
This app is created with Flask, with a lot of scikit-learn magic.
Created By:
This app is created by Young Jeong. You can check his other work on github or connect with him on LinkedIn.
Prediction: Your probability of getting a 5-star ratings is 66.8%.
Recommendation: Add this amenity: Dishwasher
This will boost your probability to: 73.5%
Tell me about your space!
...and I will tell you how likely it will receive a 5-star rating on Airbnb
Where in Seattle?
West Seattle
Type of Room?
Private Room
Is it Instantly Bookable?
Yes
Bedrooms
1
Bathrooms
1
Beds
1
Price Per Night
Price: $125
Security Deposit
Security Deposit: $400
Cleaning Fee
Cleaning Fee: $0
Minimum # of Nights?
Nights: 2
Available days in the next 30?
Days: 0
Available days in the next 90?
Days: 0
Extra Person Charge
Extra Charge: $0
Select All Amenities:
24-hour check-in
Air conditioning
BBQ grill
Bed linens
Cable TV
Coffee maker
Dishwasher
Elevator
Extra pillows and blankets
Family/kid friendly
Fire extinguisher
First aid kit
Gym
Indoor fireplace
Internet
Keypad
Lock on bedroom door
Lockbox
Long term stays allowed
Luggage dropoff allowed
Pack 'n Play/travel crib
Patio or balcony
Pets allowed
Private entrance
Private living room
Refrigerator
Safety card
Self check-in
Click for Ratings!

Data

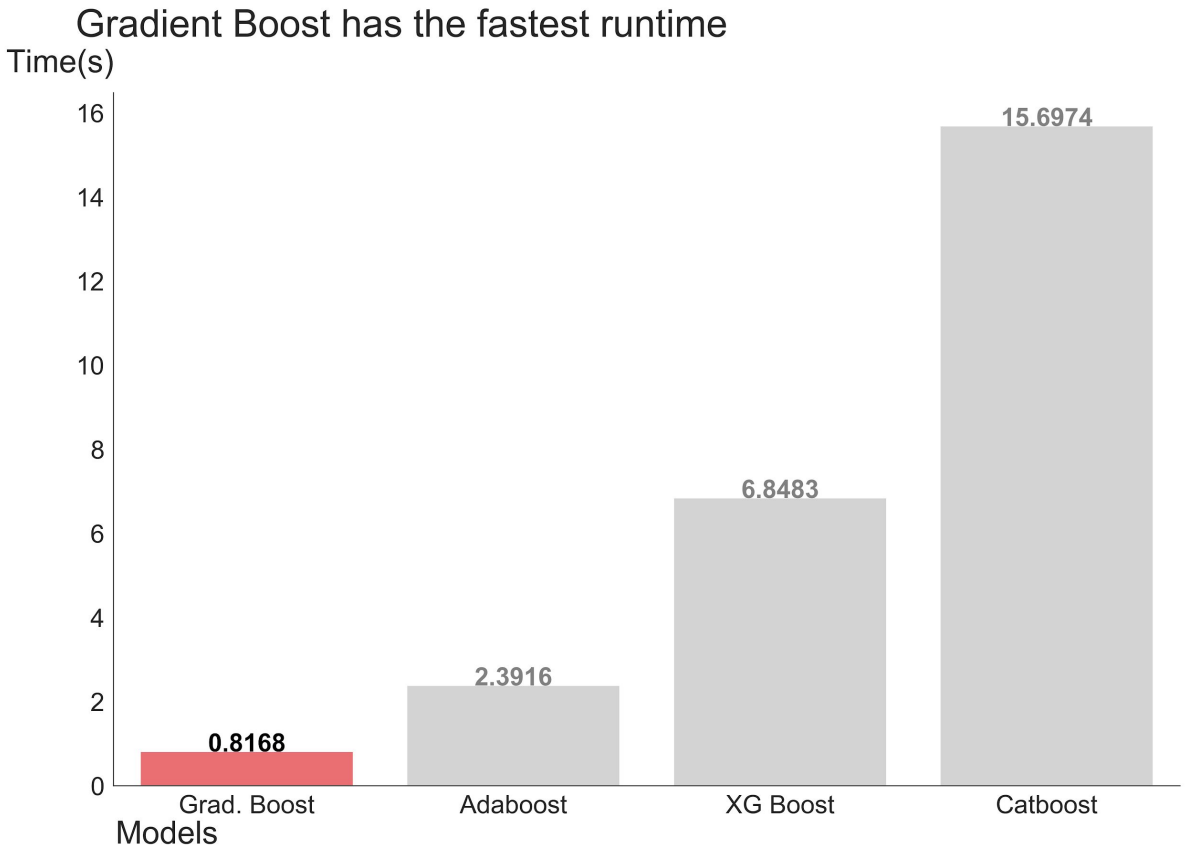


- Inside Airbnb
  - 5632 listings in Seattle
  - Basic listing info
  - Amenities
- Walkscore.com API
  - Walkscore
  - Bikescore

Metric Performance



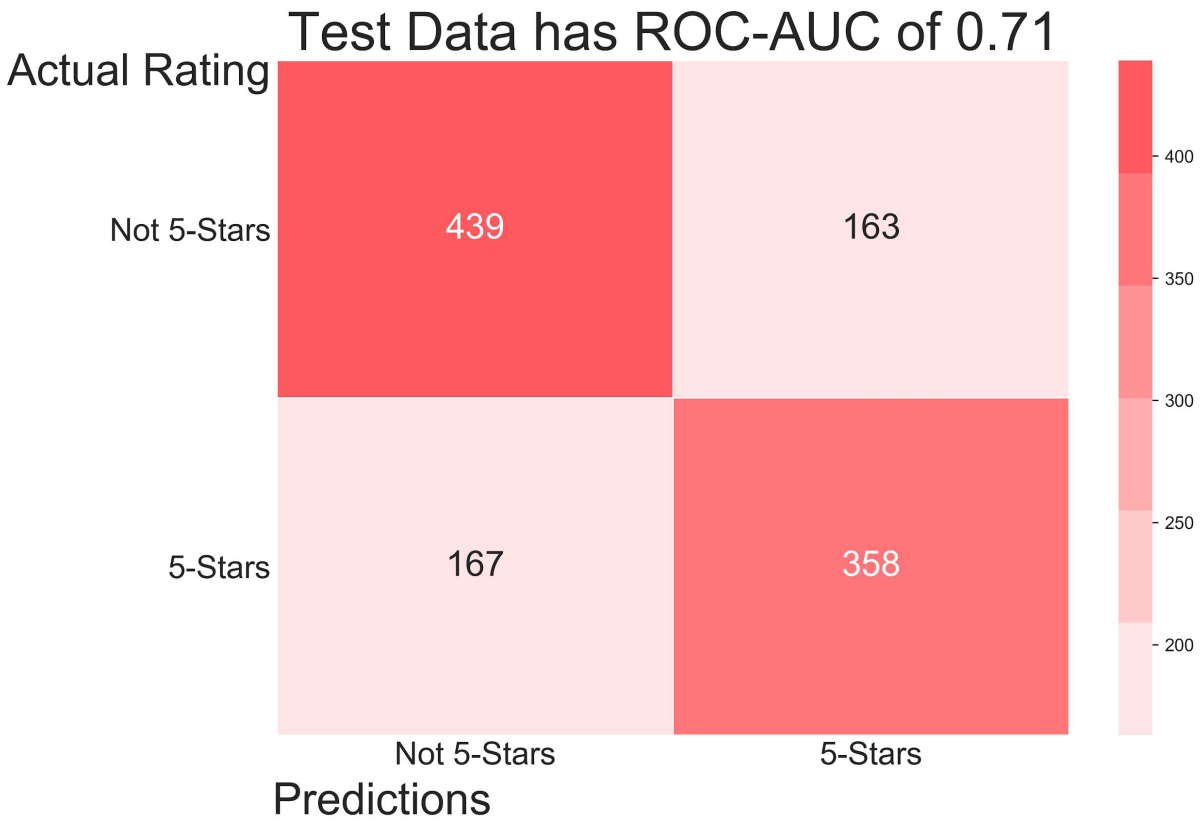
Time Performance



Results

Gradient Boost

ROC-AUC: 0.71



What’s Next?

- Description NLP
- Zillow/Redfin Integration

Thank you!

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datatostories.com