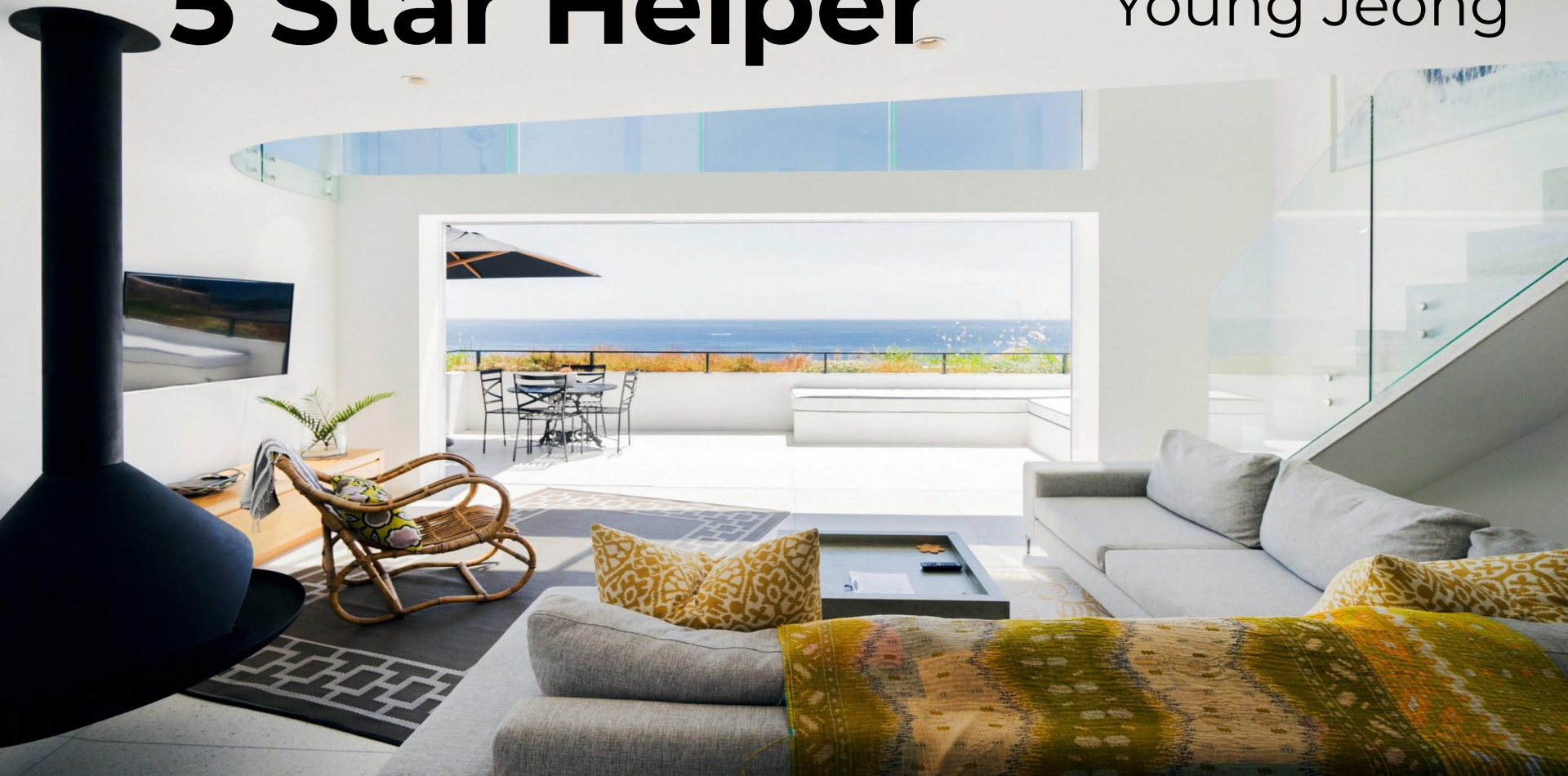




# 5 Star Helper

Young Jeong





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

SuperHosts Monthly Avg:

**\$4950**

Others: \$3310

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

Bedrooms

1

Price Per Night

Price: \$125

Minimum # of Nights?

Nights: 2

Extra Person Charge

Extra Charge: \$0

Type of Room?

Private Room

Bathrooms

1

Security Deposit

Security Deposit: \$400

Available days in the next 30?

Days: 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!

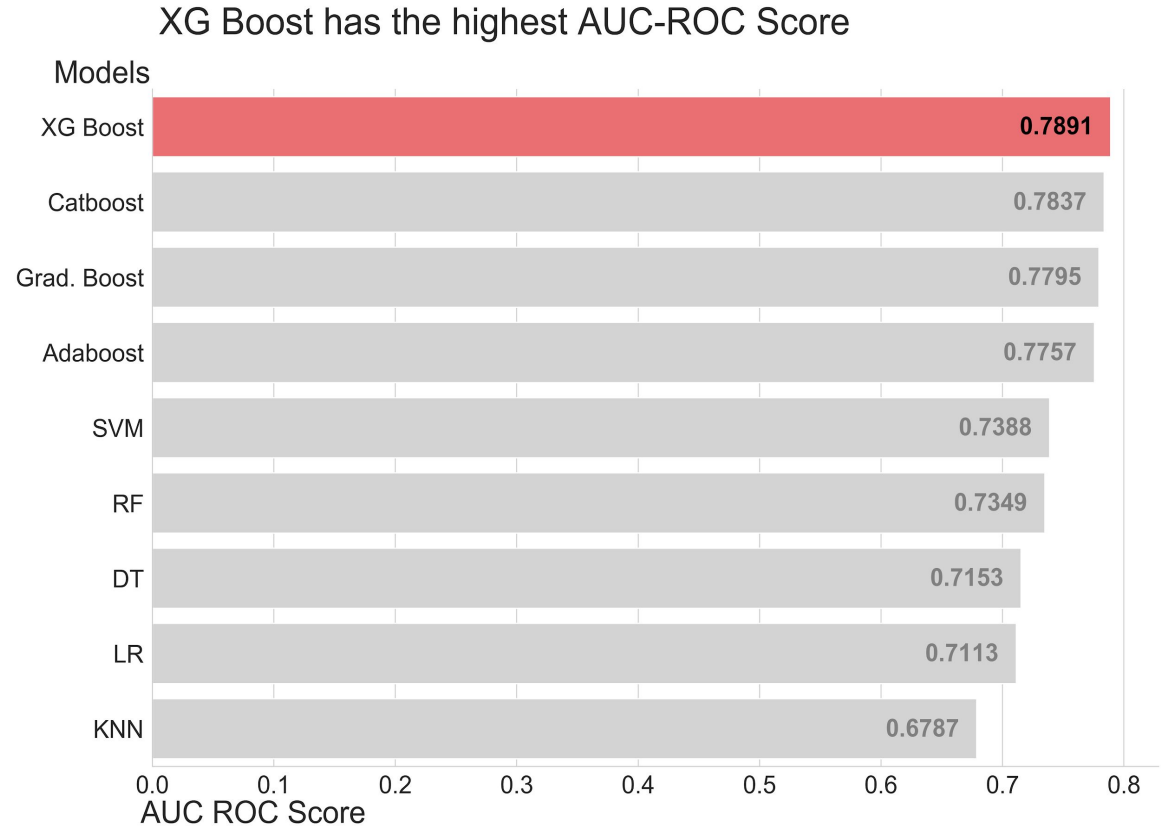
Product



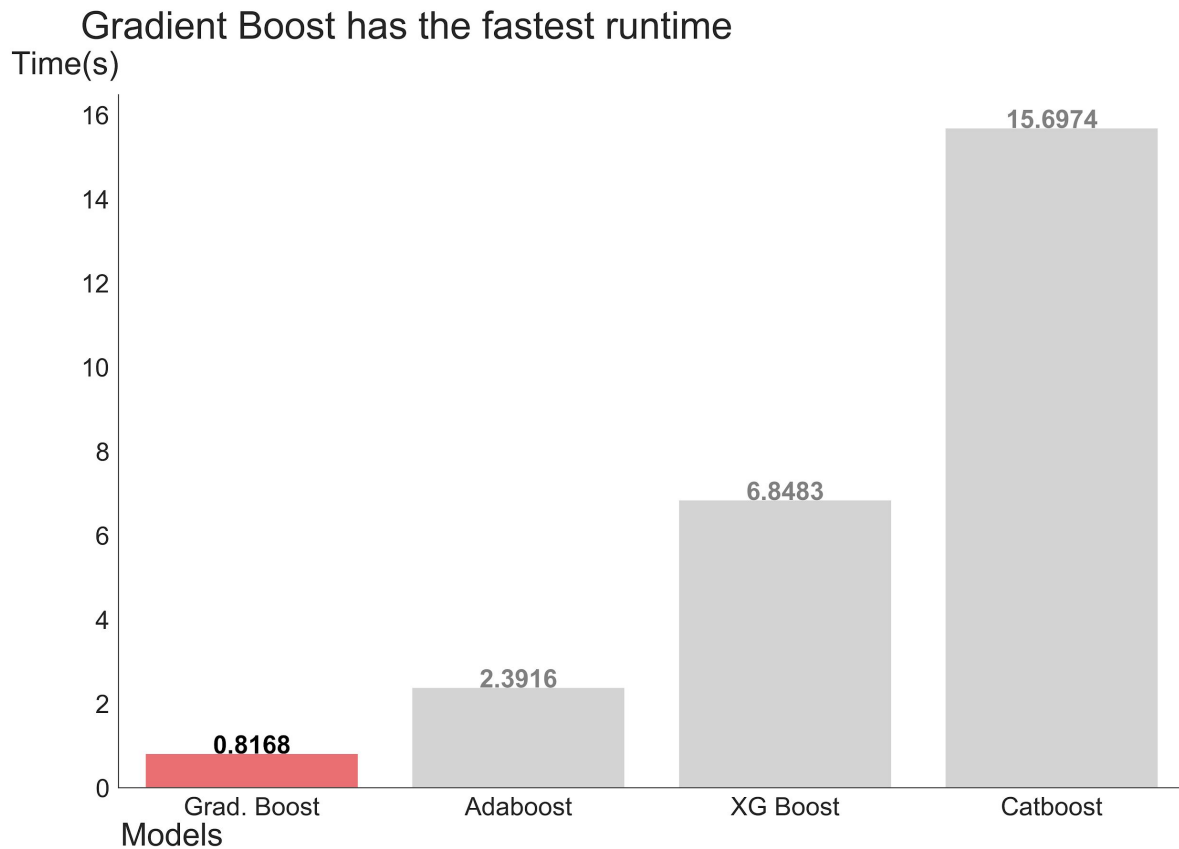
A map of Seattle, Washington, illustrating the spatial distribution of 10,000 simulated locations. The locations are represented by small colored dots: red dots for the majority and green dots for a smaller subset. The map shows a high density of locations in the central urban core, particularly around the downtown area and the University of Washington. The distribution is more sparse in the surrounding suburban and rural areas. Major streets and landmarks are labeled, including NE 95th St, NW 80th St, 6th Ave S, S Graham St, Rainier Valley, and Green Lake. The map also shows the city's proximity to water bodies like Lake Washington and Puget Sound.

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

# Metric Performance



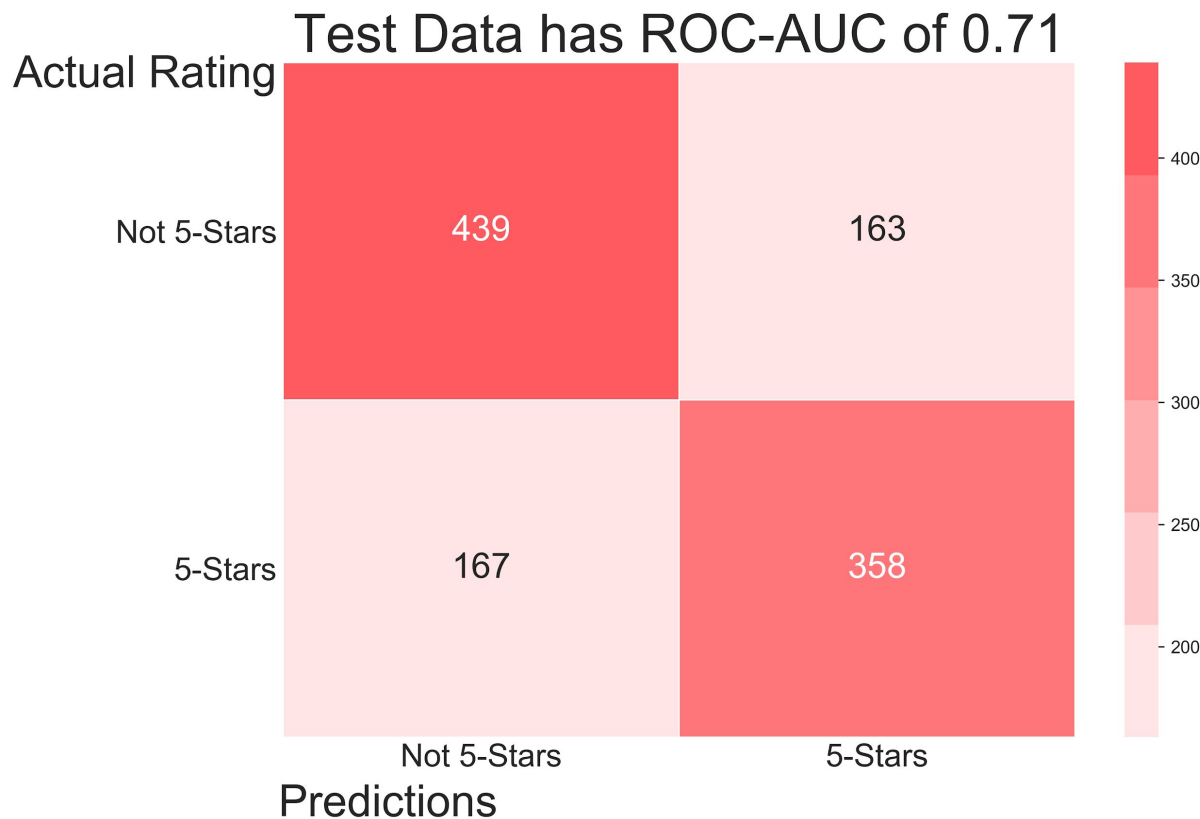
# Time Performance



# Results

Gradient Boost

ROC-AUC: 0.71





## What's Next?

- Description NLP
- Zillow/Redfin Integration

# Thank you!

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[datatostories.com](http://datatostories.com)