

AirBnb Market Analysis for Oceanside Property Management

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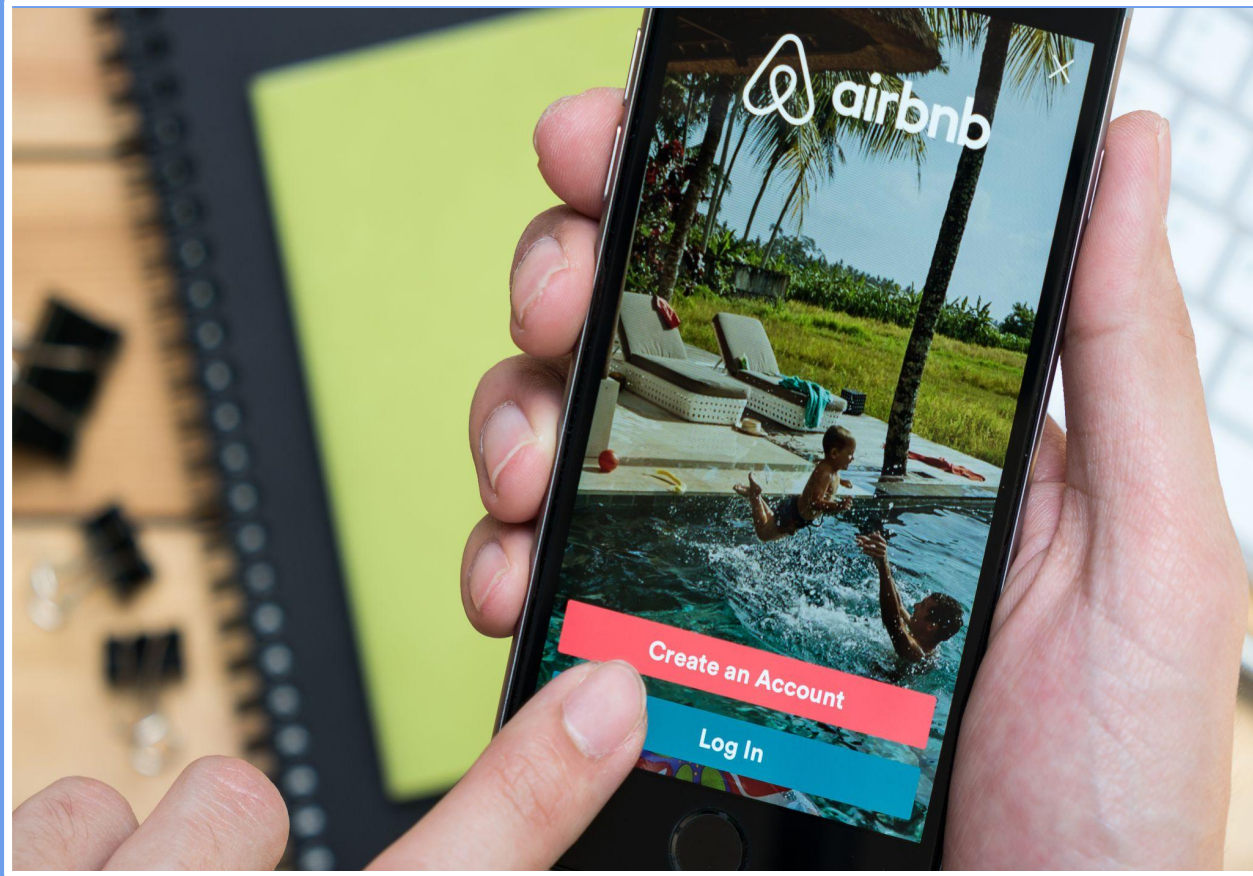


Why I'm Here

Should You Start A Consulting Service?

Top Questions

- 1) "What can I do to get more 5 star ratings?"
- 2) "Can you help me reach Superhost status? (or maintain Superhost status)?"





Questions That You Want Answered

- 1) Is there a **significant advantage to being a superhost?**
- 2) **What features are most important** in getting 5 Star reviews?
- 3) Can you develop a **Model which predicts whether hosts will get 5 star reviews** based on all other available information?

My Data

Obtained through
[Insideairbnb.com](https://insideairbnb.com)

Over 10,000 records. All
from San Diego.

Regularly updated with the
most Recent Data Available.



My Data

Key Data Points:

Review Scores: Overall, Accuracy, Cleanliness, Location, Communication, Check-in, Value

Descriptive Features: # of bedrooms, amenities, etc

Host Information: Response Rate, # of Listings, SuperHost Status



Problem #1

Guests assume airbnb's review scale is the same as a hotel review scale.

3 = average,

4 = above average

5 = the best possible experience.



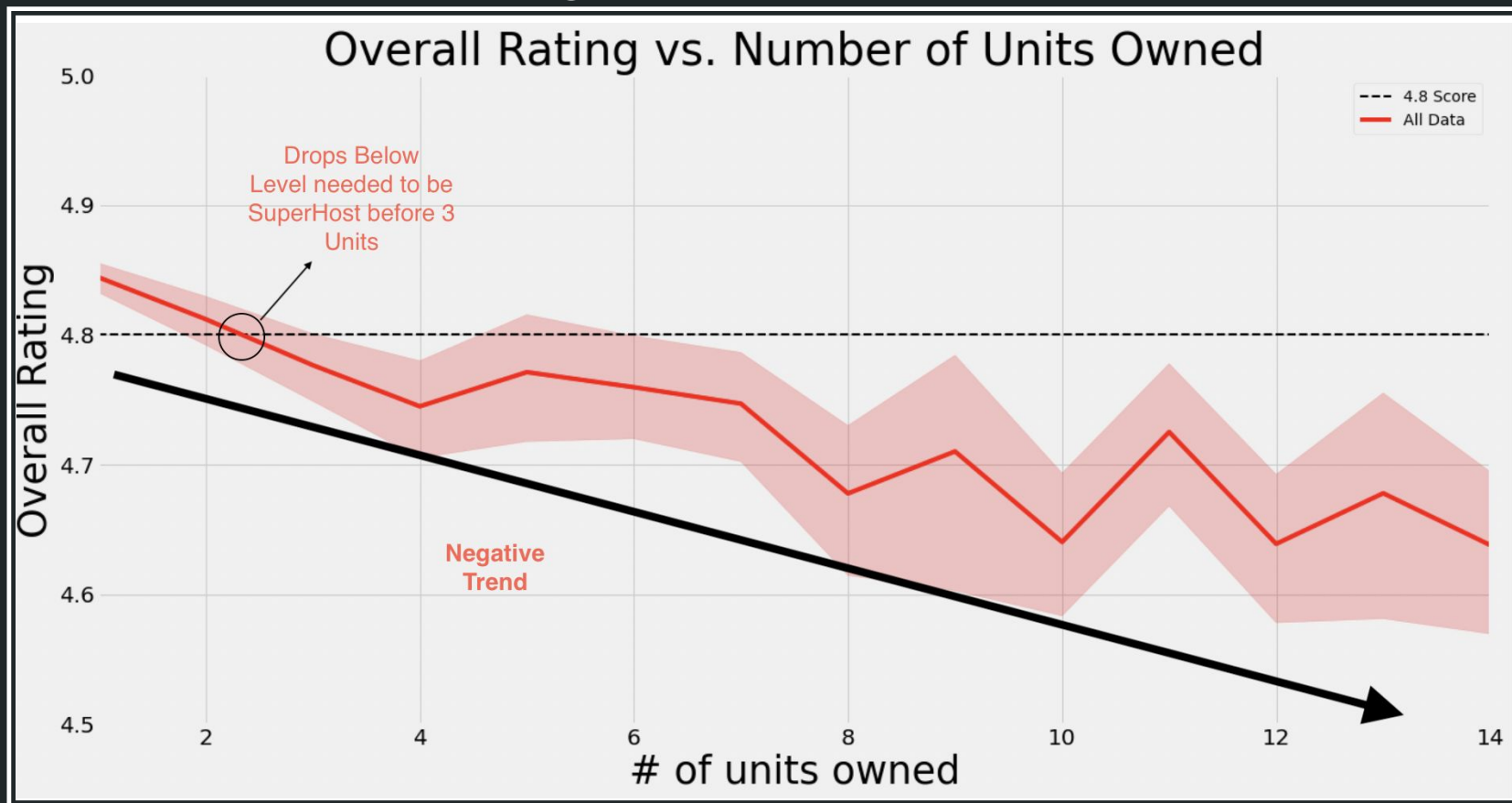
Problem #1

In reality:

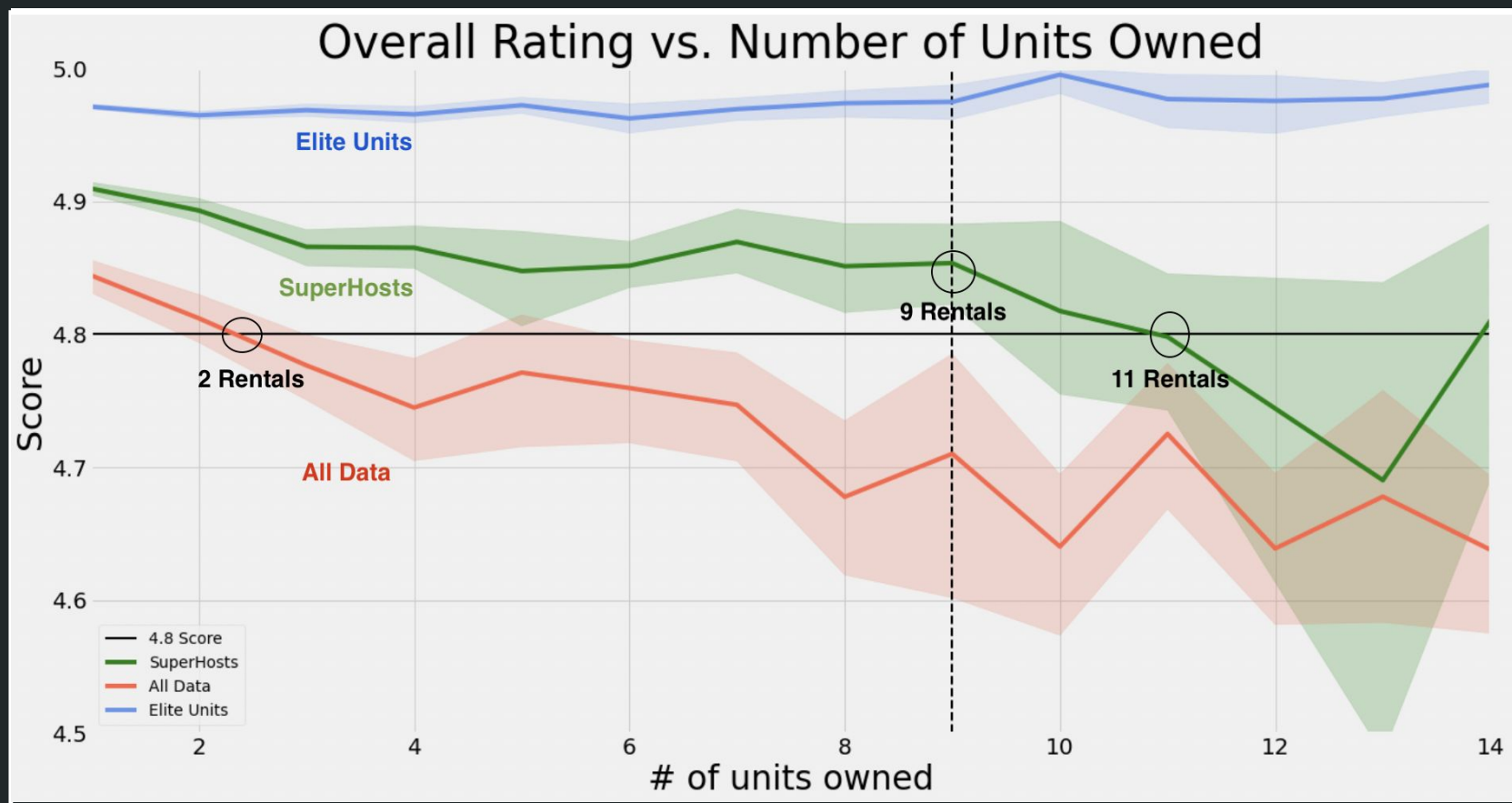
4 Star Reviews are seen as BAD and too many of them will cause a Host to be kicked off the service.



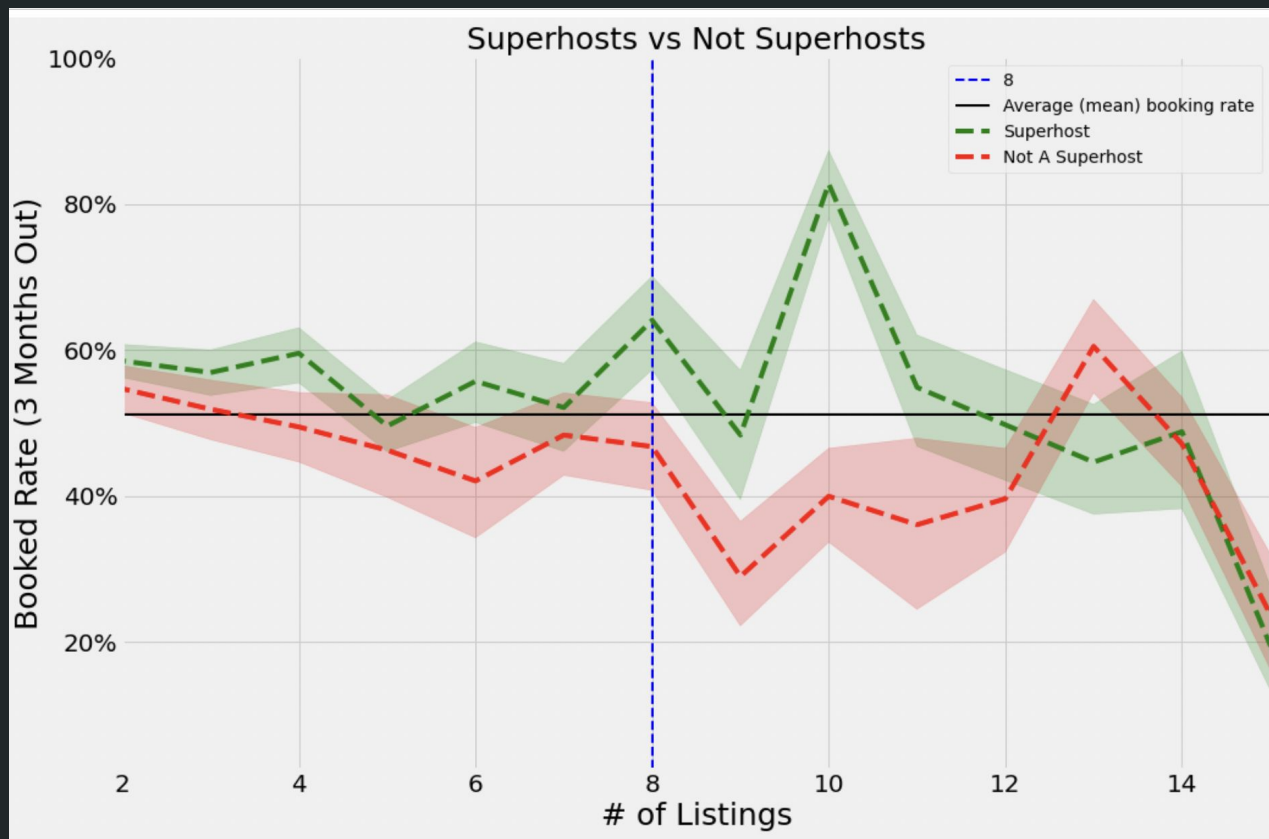
Problem #2: Rating Declines as # of Rentals Increases



The Solution



Is There a Significant Advantage to Being a SuperHost?



YES!

Superhosts

- Book above average.
- **21% more likely to be Elite Units**
- Can handle more units than non-SuperHosts.

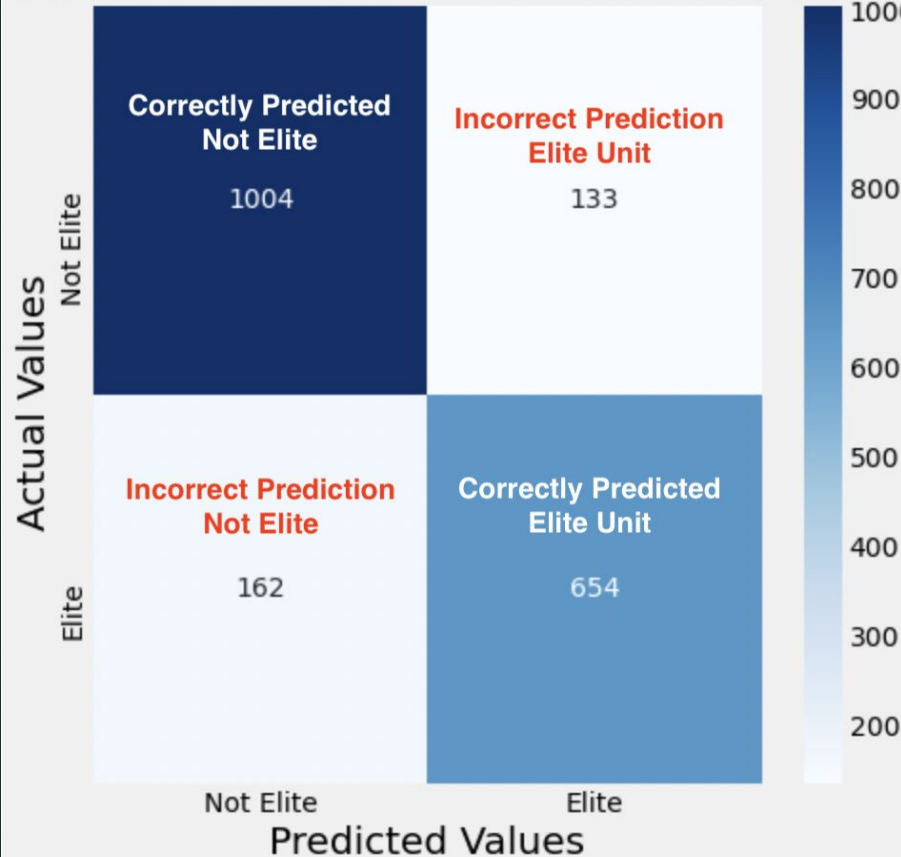
What Do We Want to Predict?

Elite Units: 4.9 - 5.0 Overall Rating.

These are the **Top Performers** who almost **always get 5 Star Reviews.**



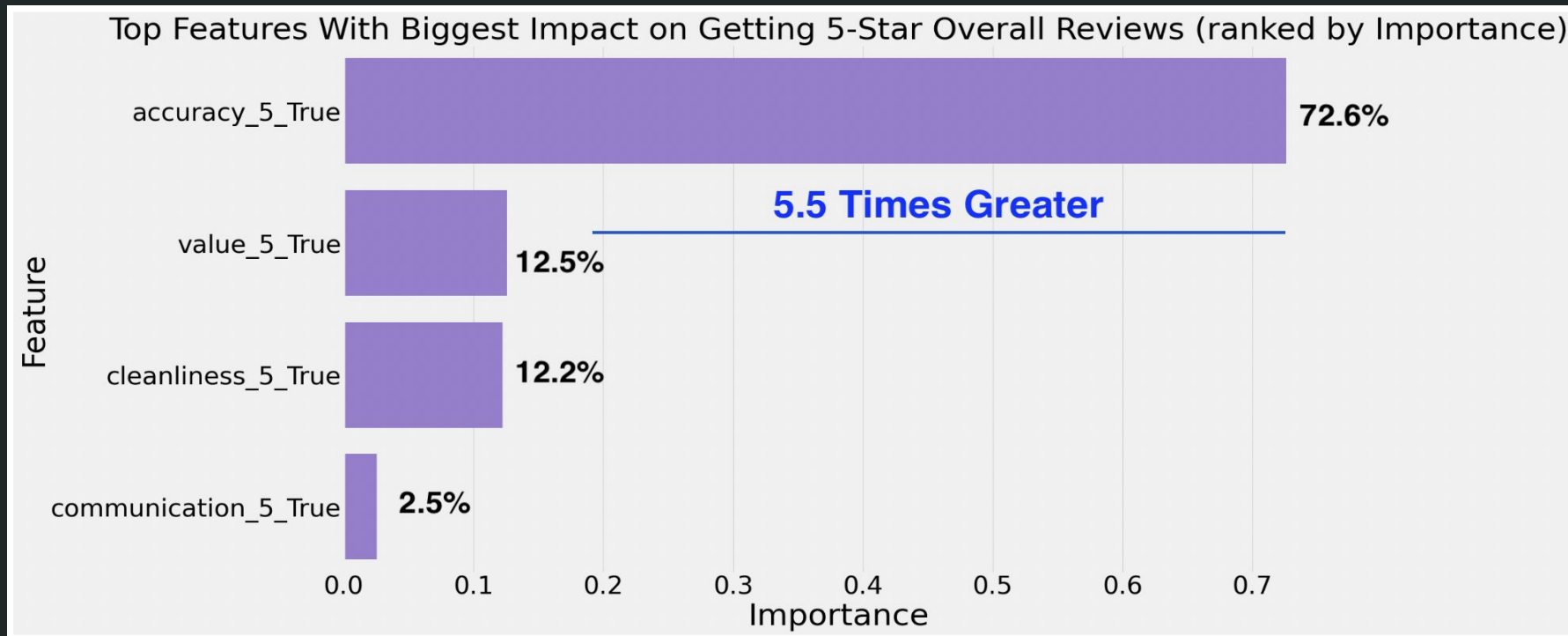
Final Model Confusion Matrix



My Model: Can it Predict 5-Star Units?

- Correctly Identified **83%** of Actual “Elite Units”.
- True Positive vs. False Positive Rate show solid reliability.
- **Limitation:** Model only works if Host has existing Airbnb ratings

Which Features are the Most Important for Getting 5-Star Reviews?

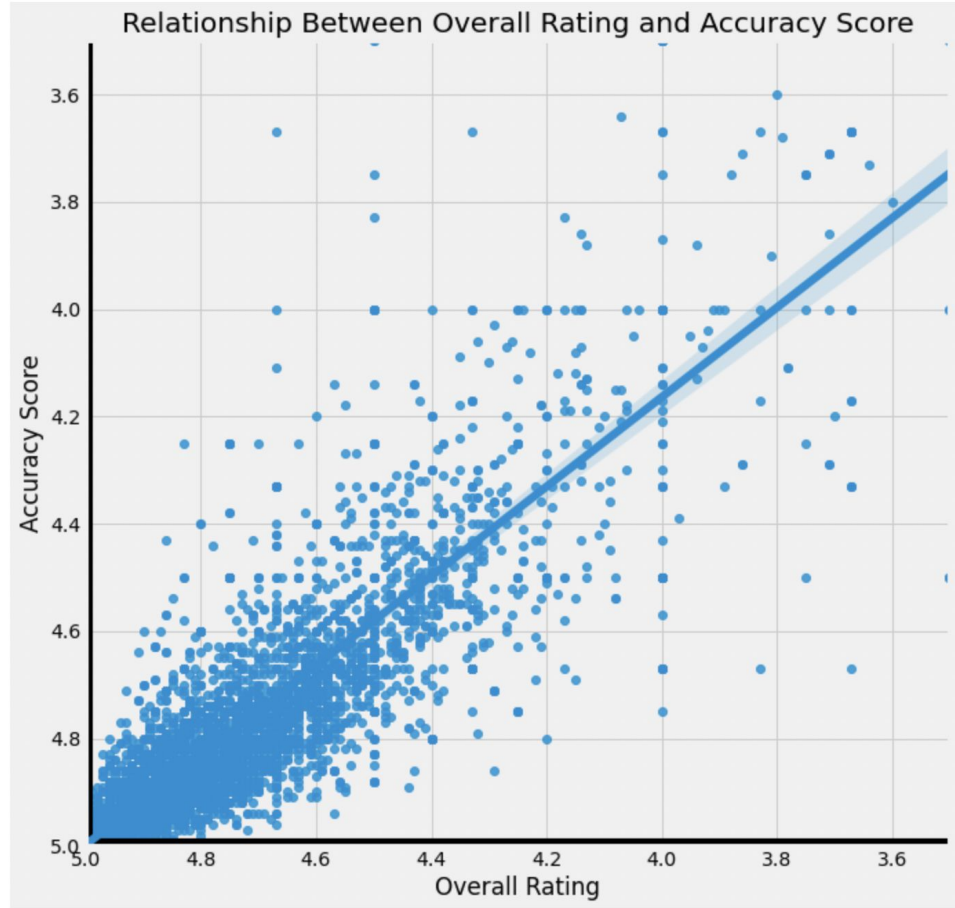


Most Important Feature: Accuracy

Nearly **1 to 1** relationship
with Overall Rating.

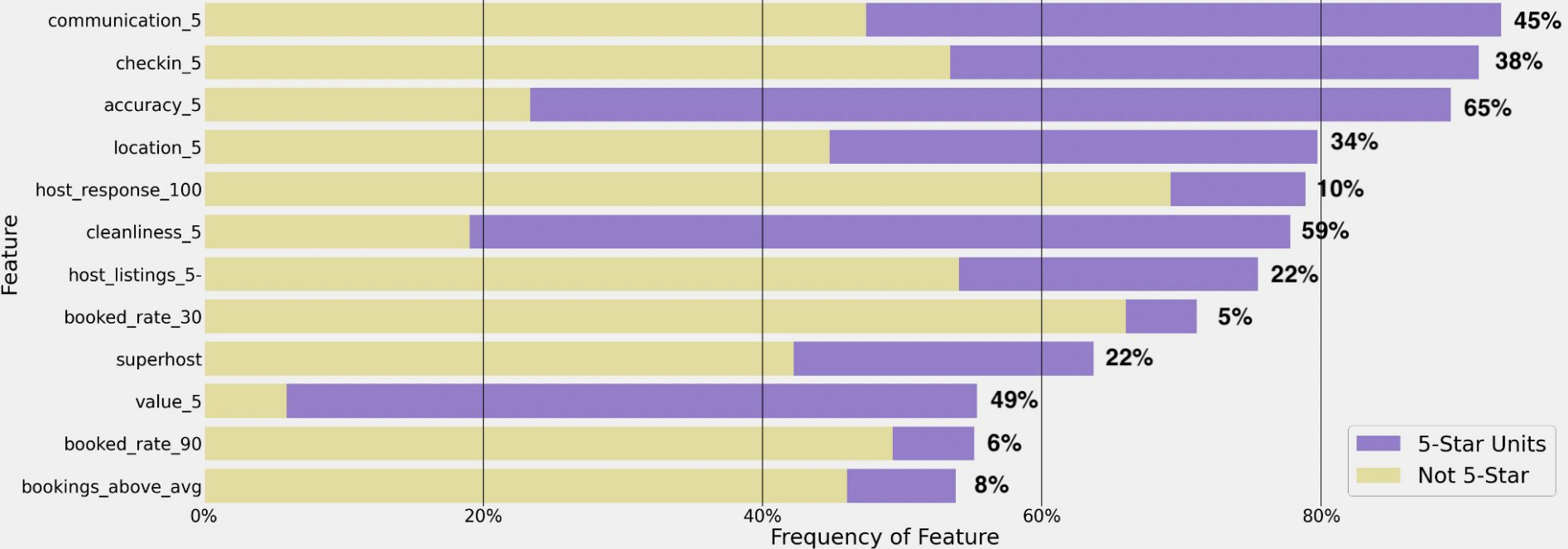
While “Overall” is a
nebulous target, **Accuracy**
is something that you can
help Hosts with!

It's also a **big problem** for
many Hosts!



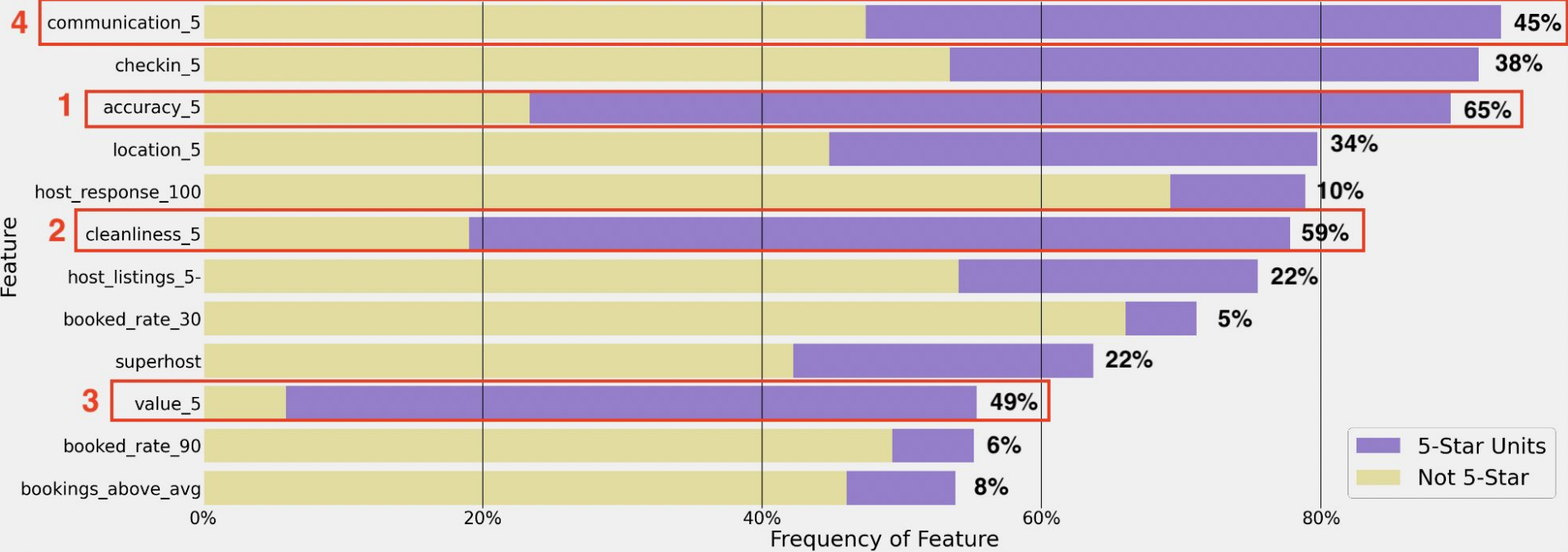
Analysis of Elite Units

Frequency of Features in 5 Star Units



Analysis of Elite Units

Frequency of Features in 5 Star Units



Your Consulting Service

Your Focus: Helping Hosts Improve and Maintain Accuracy.

Become Experts in making sure that all are **Listed Accurately**.

Provide Resources to Help Hosts Manage Multiple Rentals.

Train hosts on what they can do to set expectations properly, and then exceed them with service (AirBnb's goal)

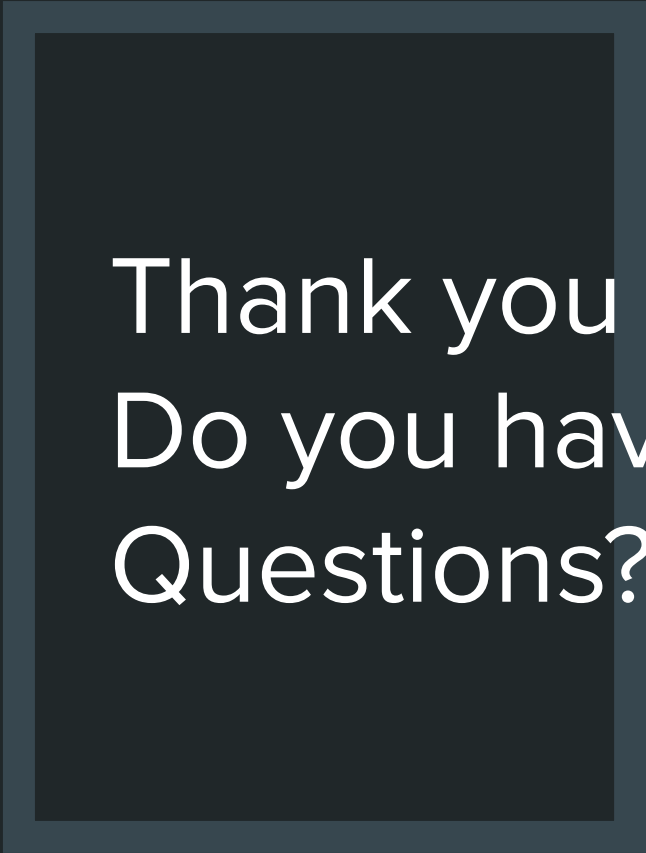
In Conclusion

You can Help Airbnb hosts get more 5-Star Reviews!

Help Hosts set Guest Expectations and Then Exceed them.

Help them better manage their properties, and possibly handle more more than they could on their own.

Help them become SuperHosts to get increased presence on Airbnb's platform



Thank you for your time.
Do you have any
Questions?