

Airbnb Rental Price Prediction

Ranger Final RMSE
324.93663

The Rights

- Starting with the data exploration
- Doing the data wrangling process using the means, predictions and so on (even though it was back-and-forth)
- Starting with the Linear Regression to have a brief overview on the model
- Having the curiosity to look into various modeling approaches
- Being greedy to minimize as much as possible the RMSE
- Setting the goal to learn and enjoy the competition instead of simply competing

The Wrongs

- Not giving enough time for data exploration and cleanup before starting with the process; the back-and-forth was time consuming
- Not using the methods learned for the feature selection process
- Using a minimal number of variable and dropping some important ones
- Overfitting the model

Improvements

For next time, I would give even more time for the data exploration and cleaning process.

I would definitely perform one of the feature selection methods learned (e.g. Lasso, stepwise, ...).

Work on cross-validating the models