**Final Project Notes**

Database

* Add table for Average Rates Monthly
* Add table for Average Rates Day of Week
* Add column for neighborhoods table.
* Clean bathroom text to int

What drive AirBNB prices?

* Location
* Reviews
* Amenities
* Time of Year (Month, Year, Events, Public Holiday)
* Room Type
* Accommodates

Model

* Random Forest
  + Determines importance of column
* KNN
* Regression

Web App – Tableau Public Outline

1. Overview of NYC Airbnb (provide filters for borough)

* Density Map
* Cards
  + Total # Reviews
  + Total # of Superhosts
  + Average Review Score
  + Total # of Neighbourhoods in Data
  + Total # of Listings
  + Average Rates (per night)
* Rates
  + Yearly
  + Monthly
  + Day of Week
* Room Type (Tree Map)
* Top 10 Most Reviews
* Top 10 Review Scores
* Top 5 Superhosts

1. Models Analysis