# Final Project Proposal

## Background

Our goal here is to increase the transparency of the Airbnb pricing process by predicting the prices of listings in New York!

## Team Members

* Amaris Hassan
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* Cecilia Leung
* Hillary Mandich
* Kapil Pundhir

## Tools & Programming Languages

* Machine Learning - Models
* Tableau Desktop & Public - Dashboard
* PostgreSQL - Database
* Matplotlib – Visuals for Models
* Seaborn – Visuals for Models
* Pandas - Data Transformation & Cleaning

## Potential Models Used

* KNN
* Random Forest & Light GBM Regression
* Prophet
* Ridge & Lasso

## Dashboard Ideas

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## Model Visualizations Ideas



