Nashville Housing Data Project

Background

This project started in school while pursuing my masters in analytics and it was meant to use a dataset that has information on Nashville home sales from 2013 - 2015 to find value deals. By leveraging data science techniques, the analysis would help identify where are the homes that have 'good deals' in Nashville.

Overview

This project is now meant to leverage the learnings from the previous analysis and provide more interactive way to find the deals by using an application framework using R shiny. This will mix in with my expertise from work in the moment. In addition, I will add Zillow data to crosscompare with the latest housing data available for a more current state view.

Roadmap

Next iteration of this project is meant to tap into the Zillow API or any other real-time data source to get most current data available.

ML model results dashboard

Where are "good" deals in terms of

(sale price - total value)

home value vs. sales vs. affordability

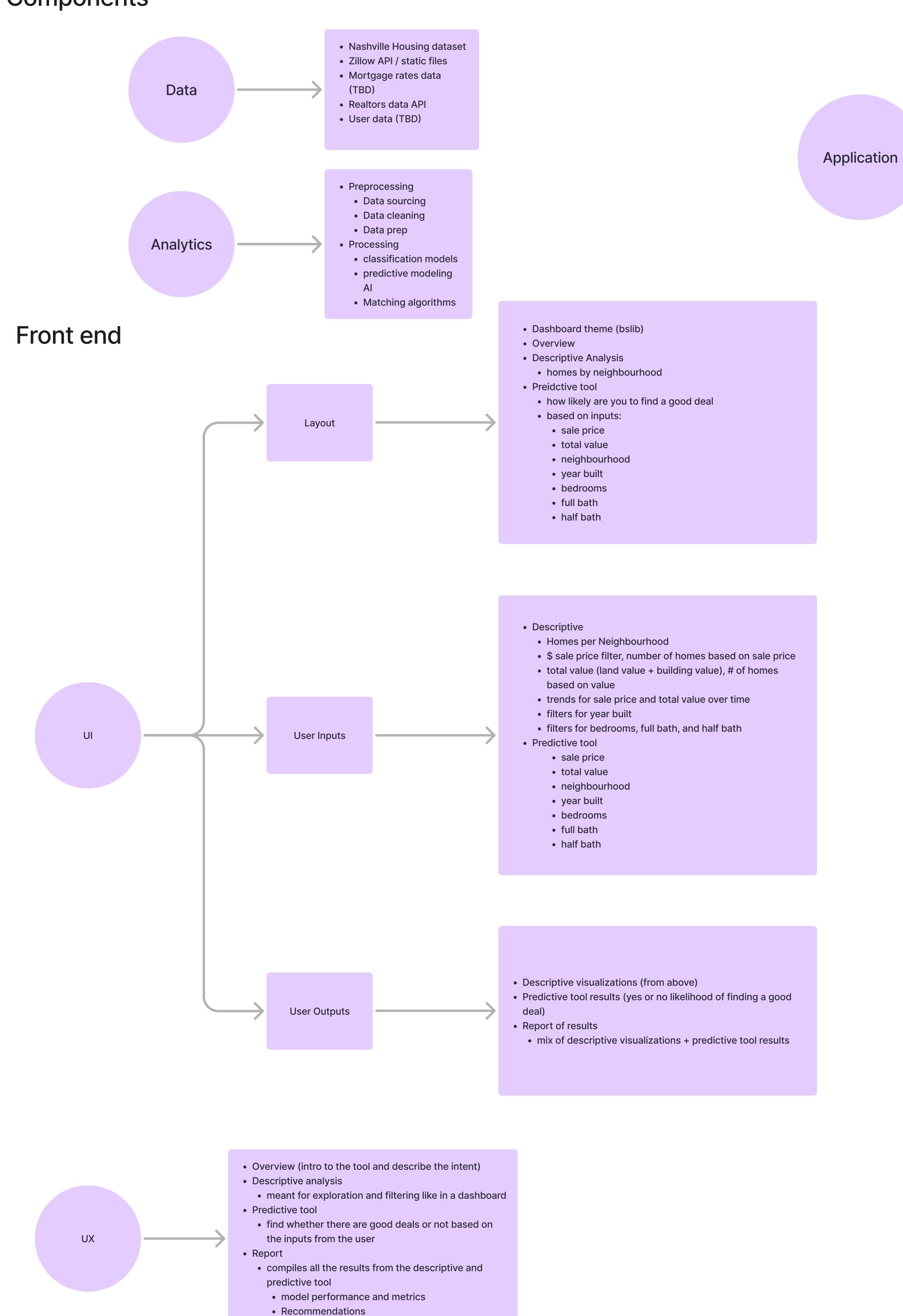
how likely are you to find a good deal

ML model results report

location

Plus, future enhancements to the application and deployment to open source community.

Components



Back end

