

The aim of the service:

Our service aims to provide the prediction of the property located in Melbourne. Our clients are the people who want to assess a property (only for the property located in Melbourne). Clients need to fit in several features of their property, the features are provided by service. Once the client submits valid features of his property, the predicted price will be returned to him.

What are the datasets

The dataset submitted at <https://github.com/chengmingcui/9321masterteam>.

The dataset is the price information about property in Melbourne. The schema of the dataset is suburb, address, rooms, type, price, method, sellerG, Date, distance, postcode, bedroom2, bathroom, car, land size, building areas, year Built, council area, Latitude, Longitude, Region name. Price will be the label and some of the rest will be the features.

What is the communication channel of group?

Wechat app and group meeting (once a week)

What is your code repository?

Github

The description of each member's role in the project:

Yuying Zhou and Jiaqi Ma :

Designing a R EST ful API to allow the consumption of your service.

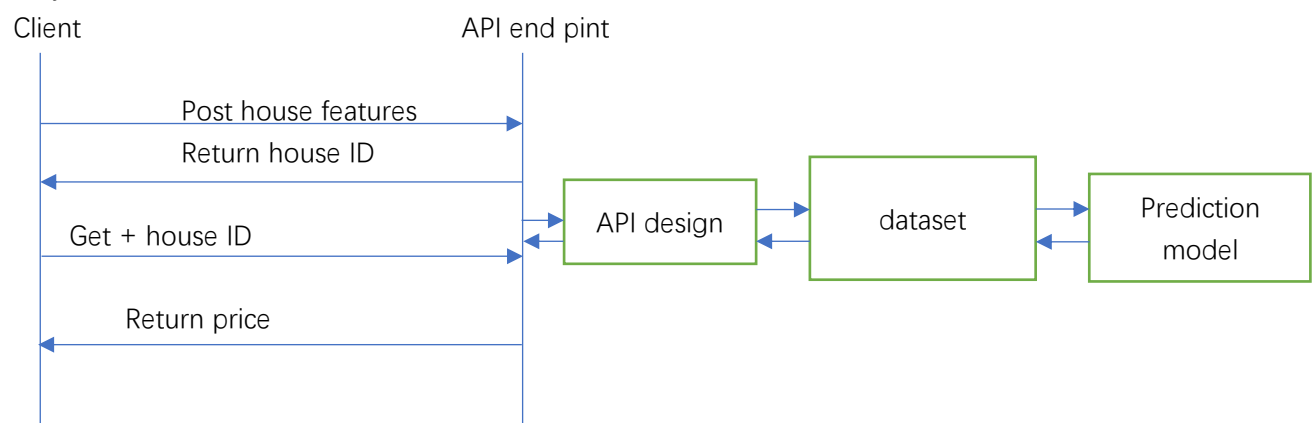
The API also have some analytic methods representing the API usage, and general information about the use of the API by API users

Chengming Cui and Tianchi Yang:

Perform Data Integration and pre-processing if needed. Building a machine learning model to fulfill the scenario.

Jia Chen: Designing a Simple Client with GUI

Project Documentation:



The design of GUI:

The Front End Page use HTML+JS+CSS, implentment 5 web pages.

Predict Page

year

size

position

xxx attribute

predict result