

# Melbourne Property Price Prediction

## Introduction



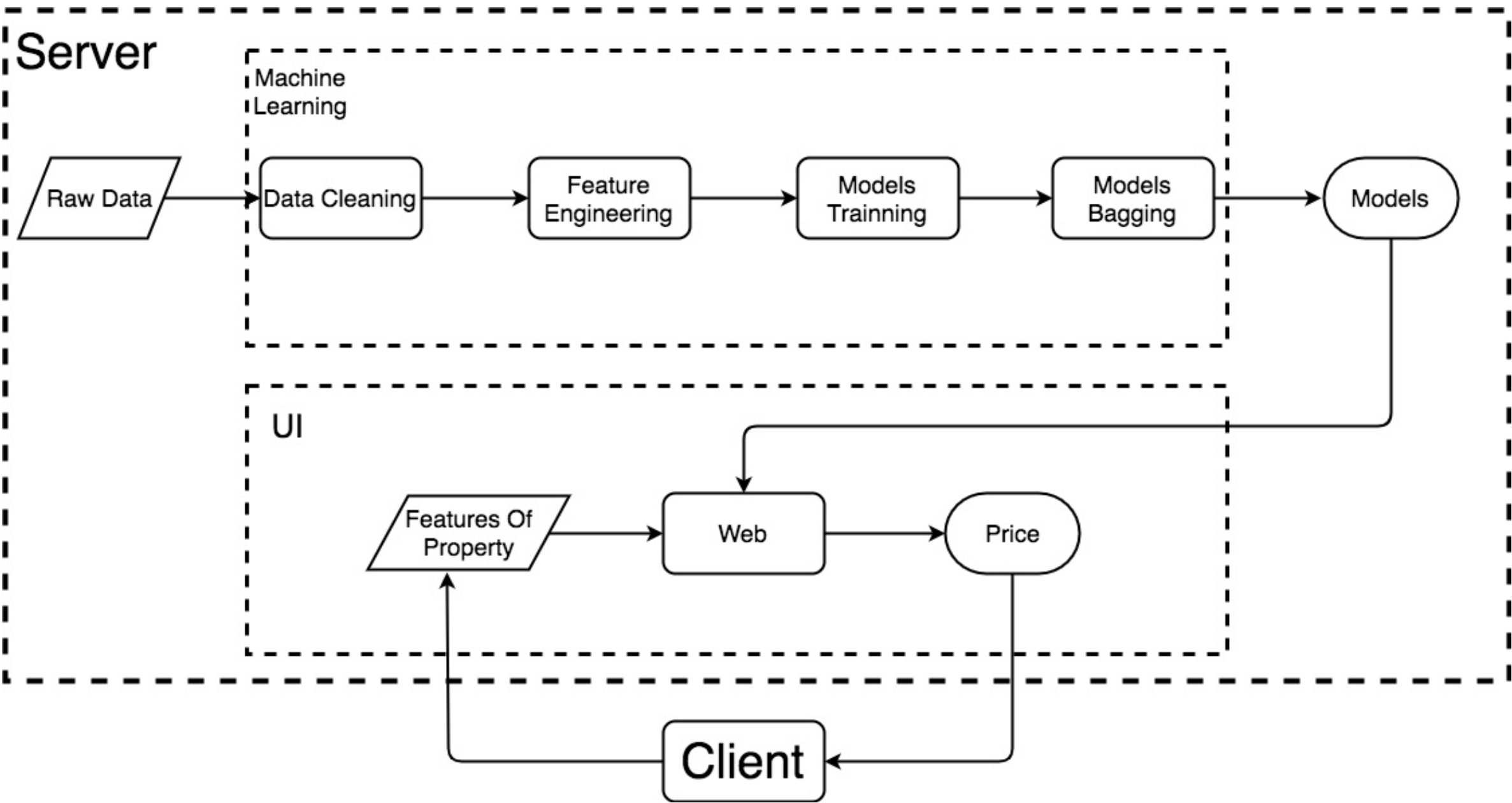
In this assignment, we are going to try to build and merge some different ML models to predict the price of property in melb according to their features. Besides, UI is another part of this project for the service to users. Hence, user are able to get price prediction after loading the information of property.

## Tasks

- **Dataset Collection:** Xavier Yan
- **Machine Learning:** Pengcheng Xie, ChengQiang Qin, Hanming Yin,
- **UI & Authorization:** Xavier Yan, Zeyu Zhang
- **Git Repo Control:** Hanming Yin

## Frame

- RawData
- DataCleaning
- FeatureEngineering
- ModelsTrainning
- ModelsBagging
- Web
- GuidesOfGit.md
- README.md



### RawData

Dataset from [Melbourne House Market](#) in kaggle.

### DataCleaning

- Drop invalid data
- Fill Missing data by median or average
- Fill Missing data by some correlation with other features

### FeatureEngineering

data processing and feature augmentation

### ModelsTrainning

Building multiple models

### ModelsBagging

Merging models

### Web

Human-computer interface

### Communication Channel

- mobile app Wechat in English
- comments on github

### Repository

[https://github.com/luckybuzhi/COMP9321\\_Ass3\\_PropertyPricePrediction](https://github.com/luckybuzhi/COMP9321_Ass3_PropertyPricePrediction)