# CKME 136 Capstone Project

# Melbourne House Sales Price Predictive Analysis Literatuure Review

### Dejia Lu

### 501005537

## Introduction

First, provide the context of the problem and then state the problem (your main research question). Second, write briefly that what are you proposing to solve this problem (don’t write details of the solution here). (You can use part of your abstract here)

Since 2010, Melburne housing market was experiencing a housing bubble and some expert said it might burst soon. However, there was a cooling period in 2018. The contributor of the housing market dataset was considering buying an apartment. He was seeking data experts to help him draw some insights on the data to assist his decision making.

In Capstone Project, my goal is to explore and understand the relation between the final sold price and different variable factors, perform Predictive Analytics using various machine learning algorithms, compare the performances and differences among these models and find the best model for property price prediction.

## Literature Review

Write summary of the related papers that you reviewed here. Write the summary in your own words—don’t use the technical jargon from the paper that you don’t understand. Keep this section short—a short paragraph or few sentences about each paper you reviewed should be sufficient.

After reviewing books, website, journals and video, I found some methodologies and techniques are especially helpful in data visualization and preparation, feature selection & modelling building, and model performance evaluation.

For data cleaning the

For data visualiziton and

For machine learning algorithm..

## Dataset

Give the description of the dataset that you are using along with the individual attributes you will or will not use in your analysis. Also mention the source of the dataset (where did you get it from). In case the data is curated and created by you please explain the details. Descriptive statistics of the attributes and datasets can also be provided here.

## Approach

\* Step 1

\* Step 2

\* Step 3

## Reference