**Project Title:** Victoria Housing Median Price Predict

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**Git Hub Link:** [https://github.com/panlovelyda/Project-4-Group-8.git](https://github.com/panlovelyda/Project-3-Group-8.git)

**Topic and Rationale:**

This Project will be performed continuously on our previous Project 3 data and results. We will predict the Housing Median Price based on existing data set. In general, this project is aiming to provide some help to people to make decisions in the property market.

Some specific questions we hope to address by the end of the project are:

         - What is the potential house price for Victoria as a whole?

         - How much does this vary by suburb?

**Data Source:**

·   Victoria Property Sales Report (limitation of this dataset: not all Victoria Suburbs are included but will try to find all):<https://discover.data.vic.gov.au/dataset/victorian-property-sales-report-median-house-by-suburb-time-series1/historical>

·       Reserve Bank of Australia:<https://www.rba.gov.au/statistics/>

·       <https://www.kaggle.com/competitions/house-prices-advanced-regression-techniques/data>

TBC

**Inspiring Visualisations:**

The pricing Map of Victoria shows prediction of individual suburb’s median price in the short-term.

Suburb Median Price variance comparison

Chatbot

**Libraries we plan to use:**

* Scikit-learn
* Matplotlib
* Pandas