



Monash University
Data Analytics Bootcamp

Victoria Housing Price Prediction

“SMART DOLPHINS” Members

- Hatim M (HM)
- John N (JN)
- Saleha K (SK)
- Jasjeet K (JK)
- Phimnarin (PA)
- Kaumudi M (KM)

Project Summary

Creation of a website to analyze and visualize the property market in Victoria as an investment/buying guide.

Data Sources

API call from [Domain.com.au](https://domain.com.au) to obtain property listing data.

LGA locality data from

<https://discover.data.vic.gov.au/dataset/victorian-electors-by-locality-postcode-and-electorates>

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| • Table 1.LGA_ID.csv | - | Local Government Area IDs |
| • Table 2.VIC.csv | - | Suburb summary data |
| • Table 3.Listing.csv | - | Current listing |
| • Table 4 PostcodeLGA.csv | - | Unique ID generated by “SMART DOLPHINS” |

Task List :

- Extract data - Via API call & Vic.gov.au data website “Smart Dolphins”
- Clean and load to SQL database - using pandas SQL - Jasjeet & Kaumudi
- Data Visualization - “Matplotlib/Tableau - Saleha/Pim
- Machine Learning - John & Hatim
- Flask & HTML - “SMART DOLPHINS”