

Capstone project Proposal Submission - Analysing Real-estate data

Client:

Australian real estate website - Domain.com.au

Description:

This capstone project involves real time housing data provided by the Australian realestate web site domain.com.au. Although this website lists housing prices Australia wide, we would like to focus on the Brisbane market for this project.

Dataset:

<https://api.domain.com.au/v1/salesResults/Sydney>

The above URL calls the API to extract the sales results. Therefore, one needs to have relevant authorisation to access this data.

Data Analysis / Wrangling:

- 1) Need to extract the JSON data response from the API and fit it into a data dictionary, data frame for further analysis.
- 2) Analyse the categorical, non-categorical features and their influence on the Target.
- 3) How many NAN values were present in the data set and their imputation handling?

Problem to solve:

Main goal of this project is to predict the Housing prices based on different indicators/ features present in the dataset. Linear regression will be used to build the Machine learning model and perform the necessary predictions.