

Capstone project Proposal Submission - Analysing Real-estate data

Client:

Any Stakeholders interested in predicting the housing prices knowing their features.

Description:

This capstone project deals with 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 subset for this project.

Goal of this project is to build a machine learning model that predict prices of houses as a function of different features that characterise them.

Dataset:

Australian real estate website - Domain.com.au

API:

<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.

Proposed Approach:

Classical phases of a Data science project includes:

- 1) Data wrangling
- 2) Story telling
- 3) Inferential Statistics
- 4) Baseline modeling and Extended modeling.

As deliverables for this project, I'll submit all the code that i develop, final report and a presentation slide deck.