Housing Pricing & Prediction App:

See dataset explanation ⌃

Explaining Melbourne Housing Market

Melbourne real estate is BOOMING. Can you find the insight or predict the next big trend to become a real estate mogulâ€¦ or even harder, to snap up a reasonably priced 2-bedroom unit?

Content

- This is a snapshot of a dataset created by Tony Pino.
- It was scraped from publicly available results posted every week from Domain.com.au. He cleaned it well, and now it's up to you to make data analysis magic. The dataset includes Address, Type of Real estate, Suburb, Method of Selling, Rooms, Price, Real Estate Agent, Date of Sale and distance from C.B.D.

Notes on Specific Variables

- Rooms: Number of rooms
- Price: Price in dollars
- Method: S - property sold; SP - property sold prior; PI - property passed in; PN - sold prior not disclosed; SN - sold not disclosed; NB - no bid; VB - vendor bid; W - withdrawn prior to auction; SA - sold after auction; SS - sold after auction price not disclosed. N/A - price or highest bid not available.
- Type: br - bedroom(s); h - house,cottage,villa, semi,terrace; u - unit, duplex; t - townhouse; dev site - development site; o res - other residential.
- SellerG: Real Estate Agent
- Date: Date sold
- Distance: Distance from CBD
- Regionname: General Region (West, North West, North, North east â€¦etc)
- Propertycount: Number of properties that exist in the suburb.
- Bedroom2 : Scraped # of Bedrooms (from different source)
- Bathroom: Number of Bathrooms
- Car: Number of carspots
- Landsize: Land Size
- BuildingArea: Building Size
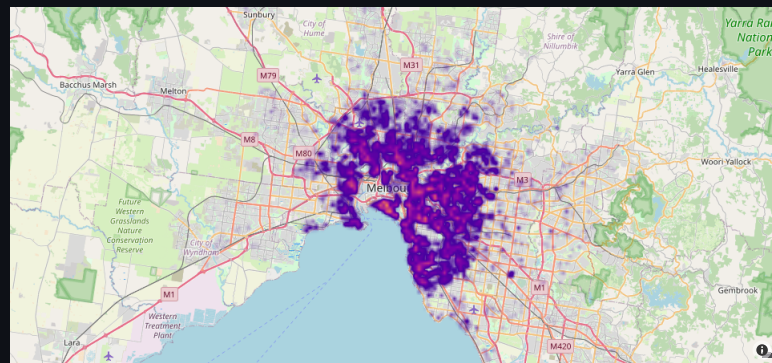- CouncilArea: Governing council for the area

Acknowledgements

- This is intended as a static (unchanging) snapshot of https://www.kaggle.com/anthonypino/melbourne-housing-market. It was created in September 2017. Additionally, homes with no Price have been removed.
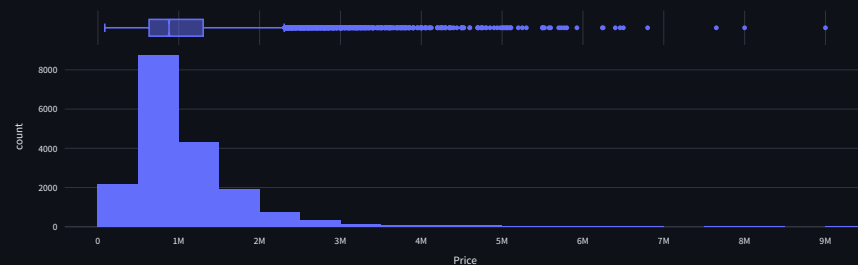
Dataset Visualizations ⌃

Housing Data Visualization Dashboard
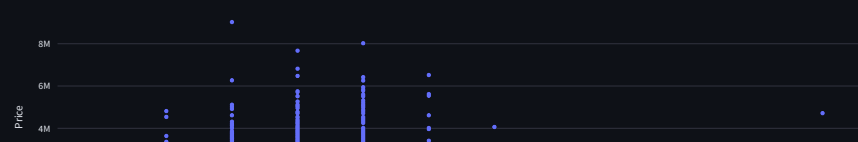
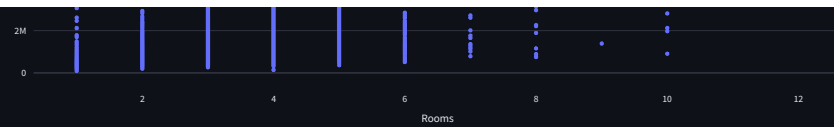### Housing Market Map

Price Distribution

Price Distribution

Price vs. Rooms

Price vs. Number of Rooms

Filters

Select Suburbs

Abbotsford ×
Airport West ×
Albert Park ×
Alphington × Altona ×
Altona North ×
Armadale × Ascot Vale ×
Ashburton × Ashwood ×
Avondale Heights ×
Balaclava × Balwyn ×
Balwyn North ×
Bentleigh ×
Bentleigh East ×
Box Hill × Braybrook ×
Brighton ×
Brighton East ×
Brunswick ×
Brunswick West ×
Bulleen × Burwood ×
Camberwell ×
Canterbury ×
Carlton North ×
Carnegie × Caulfield ×
Caulfield North ×
Caulfield South ×
Chadstone ×
Clifton Hill × Coburg ×
Coburg North ×
Collingwood ×
Doncaster ×
Eaglemont ×
Elsternwick × Elwood ×
Essendon ×
Essendon North ×
Fairfield × Fitzroy ×
Fitzroy North ×
Flemington ×
Footscray × Glen Iris ×
Glenroy × Gowanbrae ×
Hadfield × Hampton ×
Hampton East ×
Hawthorn ×
Heidelberg Heights ×
Heidelberg West ×
Hughesdale × Ivanhoe ×
Kealba × Keilor East ×
Kensington × Kew ×
Kew East × Kooyong ×
Maidstone × Malvern ×
Malvern East ×
Maribyrnong ×
Melbourne ×
Middle Park ×
Mont Albert ×
Moonee Ponds ×
Moorabbin × Newport ×
Niddrie ×
North Melbourne ×
Northcote × Oak Park ×
Oakleigh South ×
Parkville × Pascoe Vale ×
Port Melbourne ×
Prahran × Preston ×
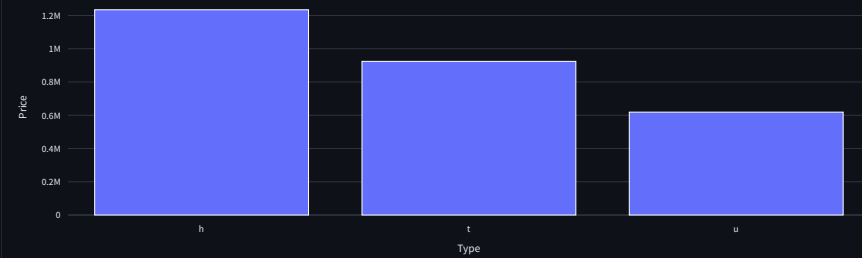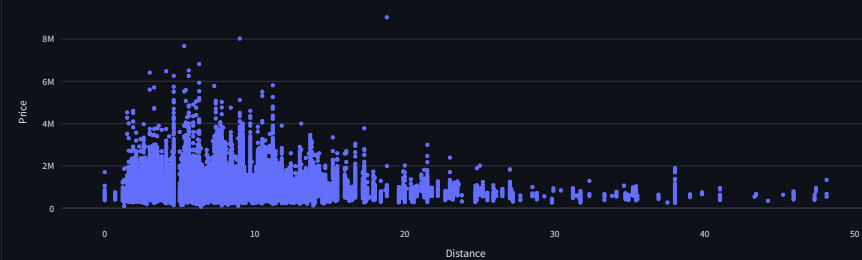Reservoir × Richmond ×

Average Price by Property Type

Average Price by Property Type

Price vs. Distance to CBD

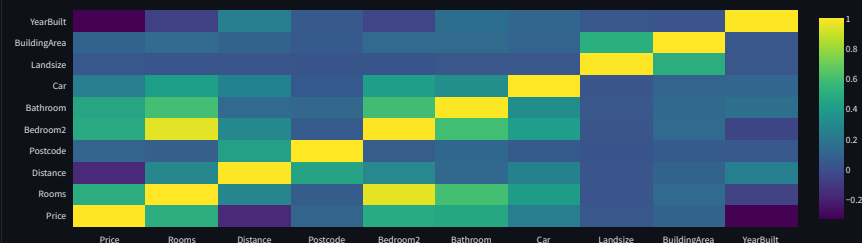**Price vs. Distance to CBD**

Average Price by Year Built

Average Price by Year Built

Correlation Heatmap

Correlation Heatmap

Make Prediction from Inputs:

Make Prediction from Inputs:

Distance

| 9.70 | − | + |

Landsize

| 440.00 | − | + |

BuildingArea

126.00   −   +

Warning: NumberInput value below has type float, but format %d displays as integer.

Rooms

2   −   +

Bathroom

1.00   −   +

Housing Data Inputs:

```
{
  "Distance" : 9.7
  "Landsize" : 440
  "BuildingArea" : 126
  "Rooms" : 2.9350402261361164
  "Bathroom" : 1
}
```

Submit

Price Prediction: 941928.4910217201

Price - Prediction at Red Line

Was this prediction helpful?

☆ ☆ ☆ ☆ ☆