



## Project Title: Global Electronics Retailer Dashboard

### Project Overview:

- This Tableau dashboard is designed for potential housing investors to analyse and gain insight to how housing prices in Melbourne are affected by location (suburb) and property type.
- The dashboard was built using Tableau Public and Python to clean and transform raw data before visualisation.

**Data** (<https://www.kaggle.com/datasets/amalab182/property-salesmelbourne-city/data>):

The dataset was sourced from Kaggle and contains 1 CSV file.

### Key data cleansing and transformations included:

- Handling missing values and duplicates.
- Data type correction.
- Transforming values using replace functions.

### Visualisations:

- **Map** – Displays median house prices across different suburbs using a gradient color scale to indicate price variations.
- **Bar Chart** – Shows median house prices by category, sorted in descending order for easy comparison.
- **Box Plot** – Illustrates the distribution of house prices across different property types, highlighting trends, outliers, and price ranges.