**Project 4 Proposal**

**Group members:** Alistair, Joshua and Neha

**Research question:**

Using raw data set to predict future price movements across ACT based on historical datasets

Visualisation will be broken down by property types (House, Units and Townhouse)

**Research findings:**

Date Property sold

Price of Property

Suburb

State

Latitude

Longitude

Bedrooms

Property Type

**Dataset source:**

<https://www.kaggle.com/datasets/suryajadahake/australia-property-sales>

**CSV file - aus-property-sales-sep2018-april2020.csv**

**Breakdown of tasks:**

ELT process to clean raw data set - PANDAS for data wrangling rearranging data format

Train to performing modelling

R square test to determine accuracy of data prediction

Present findings on Tableau

Data Modelling – Logistic Regression and Deep Learning