**Project Title**

**Team Members**

**Project Description/Outline**

Using MLS data, analyze housing benchmark prices for different types of homes in the GTA.

**Research Questions to Answer**

1. What type of housing has gained in price growth over the years, and what has had a slower growth in price?  **Kelvin**
2. Has any area in the GTA had negative growth in price over time? **Kelvin**
3. Which areas in the GTA have the most expensive properties of each type and has that changed over time? **Sam**
4. What is the overall trend of property values in the GTA over time? (e.g. spikes in price, potential COVID influences in 2020, etc.) **Peter**
5. How much time does it take each property type to double in value? How much time does it take prices in each area to double? **Aditi**
6. Plot the relationship between the MLS index value and Benchmark prices. **Aditi**

**Datasets to be Used**

https://www.kaggle.com/code/alankmwong/exampletorontohousingindex

**Rough Breakdown of Tasks**

1. Data cleaning - state assumptions used/steps taken
   1. checking data types
   2. looking at misspelled location names
   3. missing data fields - what to do with numerical missing fields, Barrie has no data for 2020
2. Summarizing data for each question, creating charts/graphs for each question (2 per)
3. Conclusion statements
4. Powerpoint/Presentation - together on Thursday