Toronto House Price Analysis Project

Data Analyst:

Client/Sponsor:

House Buyer

Purpose/Objective:

The housing prices near Toronto Area are rapidly increasing over the last decade.

The goal of this project is to study the factor driven Toronto House Price by taking a broad macroeconomic view. Identify the top 3 factors which are related to dramatic increases in House Price with public data sources.

Each potential factor should include a trend relationship for both increasing and decreasing periods.

Scope / Major Project Activities:

What are the major parts of this project? List out the high-level steps, activities, or stages of the project, and give a brief description for each.

Activity	Description
Data Collection	Collect data from public open source -Toronto House Price -> -increase in immgration -limited supply of house due to lack of construction -wage/investment -mortgage rate
Identify Potential Factor	Analyze Data from 5-6 potential factor to determine top 3
Identify Cause/Relationship	Study each factor to understand the cause. This may require additional data and using both increasing and decreasing period of Toronto House Price
Create Recommandations	Determine strength of individual factors related to Toronto House Price. Estimate price trend if possible and rank the suggestion factor.
Deliver Dashboard/Analysis Report	Deliver Final Report and recommendation in PPT and Dashboard format

This project does not include:

Specify the things that this project isn't responsible for doing (out of scope). For instance, "this project does not involve a summation of 2019 data analysis"

- ●Any areas outside Toronto area are not take into consideration
- ●No house price data older than 8 years will be considered in this project
- ●

Deliverables:

A specific list of things that your project will deliver.

Deliverable	Description/ Details
Data Viz(Dashboard)	A data viz of most cost-effective factor related to Toronto House Price
Analysis Report	Report include list of all recommendation of potential factor and methodology using for comparison
Final Report PPT	Identify Top 3 impact factor related to Toronto House Price

Schedule Overview / Major Milestones:

The expected schedule for the project. This can be defined by milestones (e.g. "all data is cleaned and processed"), periods of time ("Week 1 / Week 2"), or other ways based on the needs of the project.

Milestone	Expected Completion Date	Description/Details
Brainstorm	Oct 3	Review possible topic and chose one to perform task analysis
Data Review	Oct 11	Find possible related open source data
Data Analysis	Oct 15	Prepare exploratory analysis report and comparison impact relationship between them
Viz and Comparison	Oct 16	Determine most impact factors
Recommendation List	Oct 17	Prepare final report and PPT

*Estimated date for completion:

Oct , 17, 2021