New Proposal Report (Group 8)

(This is our new proposal report since we have modified our project)

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Hypothesis:

Housing prices are primarily influenced by a combination of economic indicators, demographic characteristics, local market conditions, and specific urban factors. We hypothesize that variables such as Neiborhood, building types, age of building, transportation infrastructure, distance to city center and many other factors will impact housing prices.

Discussion:

Our research on the factors that affect housing prices in a specific city holds significant value and purpose across various domains. It can inform policymakers and urban planners in making informed decisions regarding housing policies and urban development plans, while providing valuable insights to real estate professionals and investors operating in the city. Additionally, the research can contribute to the discourse on housing affordability, facilitate economic analysis of the city, and make an academic contribution to the field. By understanding the key drivers behind housing price variations, this research can have practical implications for promoting affordable housing, shaping urban growth, and fostering sustainable economic development within the specific city.

Data Requirements:

A comprehensive housing data within a city

Analytical Tools:

Category-Specific Analysis: Segmenting data to identify the most impacted product category.

Correlation Analysis: Investigating relationships between variables.

Regression Analysis: Constructing regression models to quantify factors that affect the housing prices