

# Exploratory Data Analysis **with** Excel

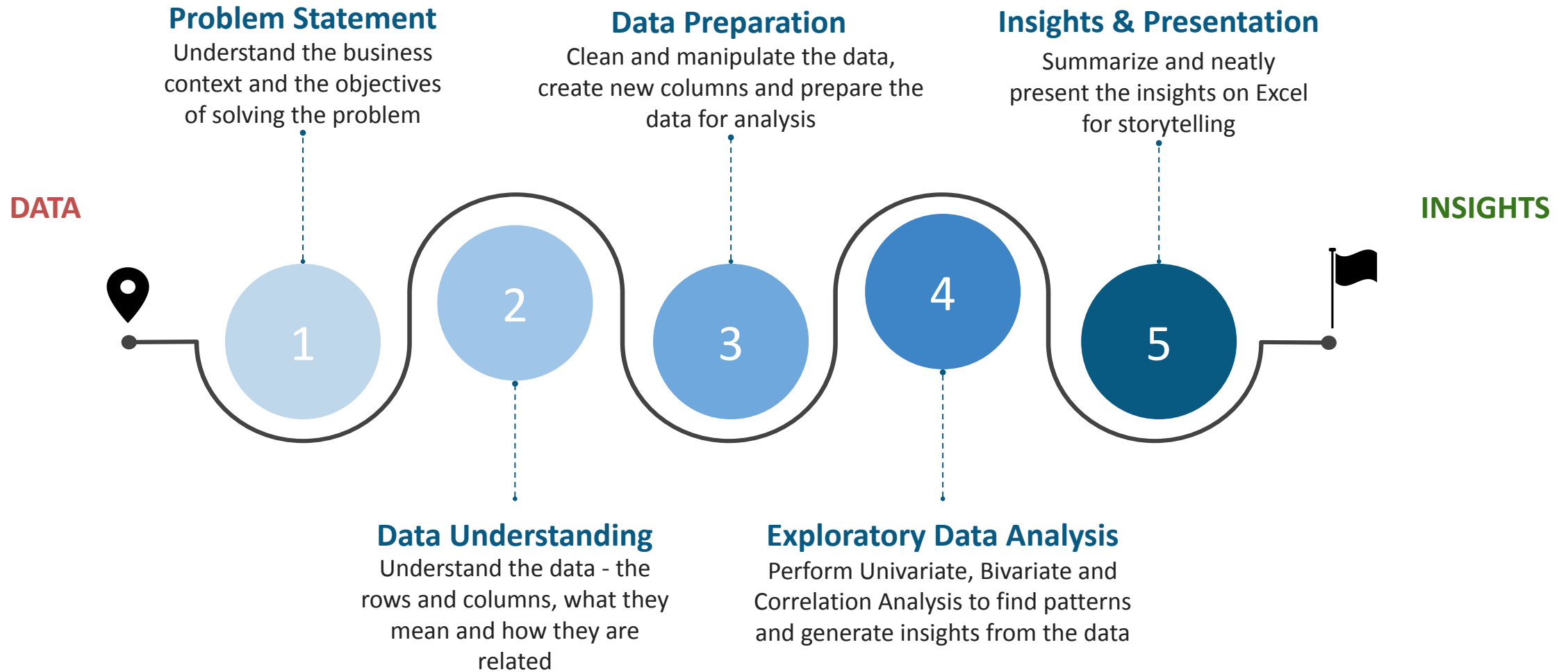
# Learning Outcomes

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By the end of this section, you will be able to:

- Clean and prepare raw data for analysis
- Understand a dataset by performing Univariate analysis
- Break down a problem - frame questions and hypotheses
- Explore, find patterns and answer questions from the data through Exploratory Data Analysis
- Summarize and present the results of your analysis using Excel

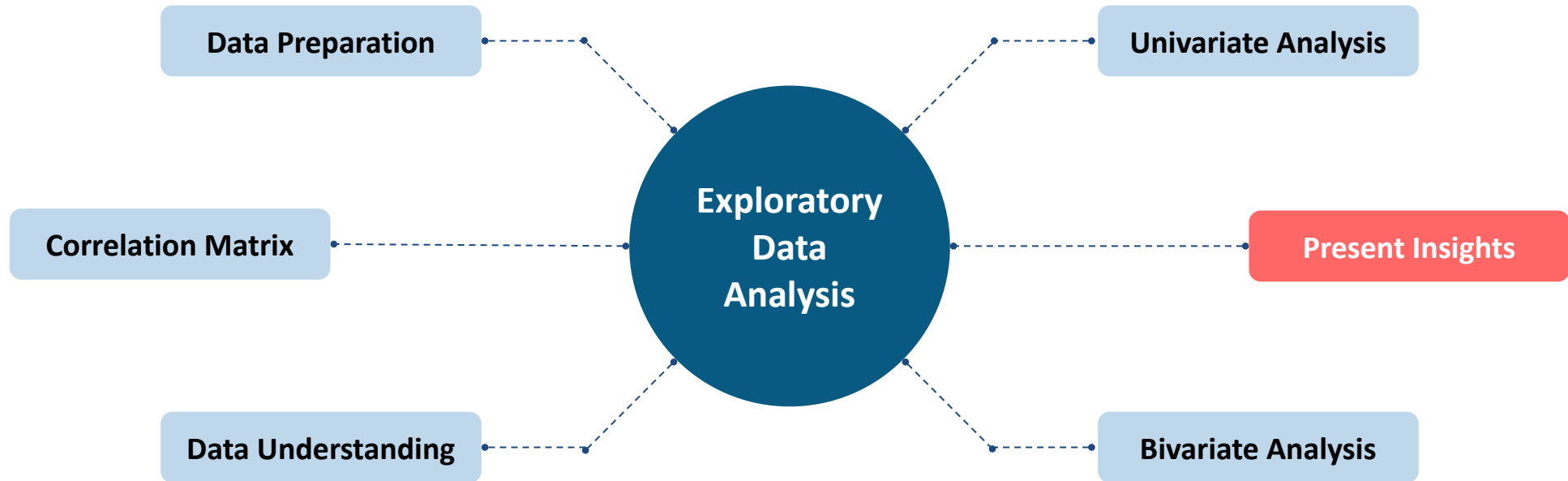


# Problem Statement



**Housing** is one of the most essential needs, among other fundamental ones. Demand for housing has grown rapidly over the years as standard of living has improved - which is an effect of housing markets having a positive impact on a country's economy. **Real Broker** is a startup that enables customers to purchase or lease real estate, including houses, apartments, and land. The company employs professional auditors who measure and map all the necessary elements for the properties as well as important geographic data.

The business makes an effort to comprehend the market and current trends, as well as property values and the neighbourhood, before presenting its consumers with services. As a **Data Analyst**, your objective is to explore the data provided and extract insights on the ***factors that affect house prices in the US***



# Power Ahead!