

Data Analysis Report

Housing Price Predictor

by Zhaklin Yanakieva

Overview:

The data analysis report is to provide the findings of the research that was conducted during the collection of the data for the project.

Introduction:

This section introduces the major sections of the report as well as the primary people involved in conducting the analysis and producing the report. The client is also clearly identified.

Background:

This section describes any information which is needed to provide the reader with an understanding of the background for the analysis, e.g., who initiated it and why.

Purpose of the extraction effort:

This section describes the purpose(s) of the analysis. For example, a needs assessment might be done to detect training or education needs that aren't being met by existing programs. Or a needs assessment might be done to confirm the existence of needs or clarify the nature of needs that others have perceived. A job or task analysis might be undertaken to collect information directly related to the nature of the interactive multimedia product under development.

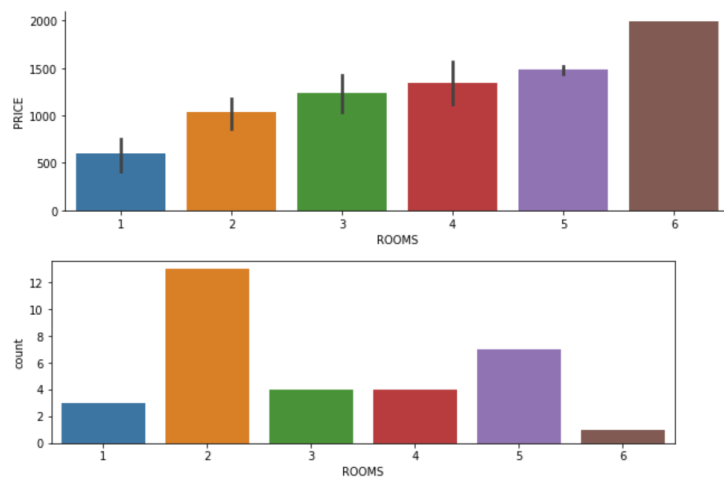
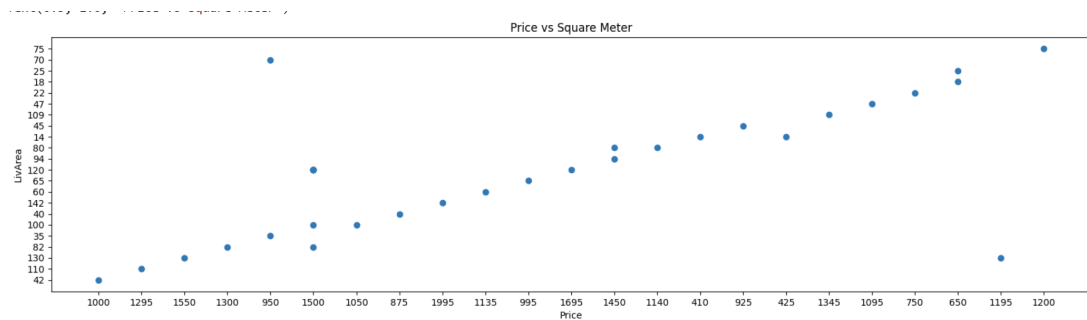
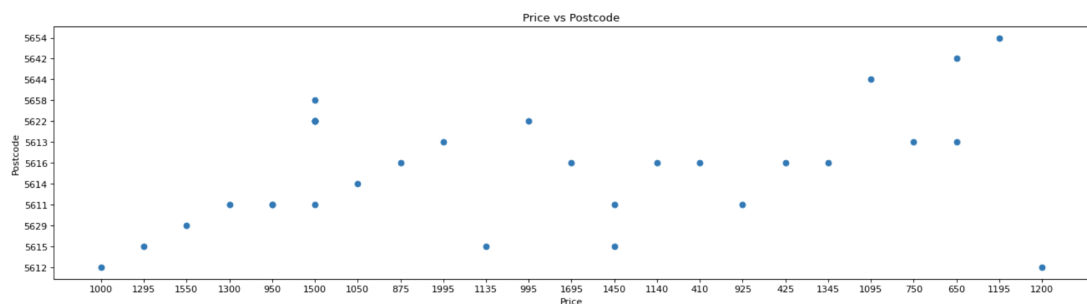
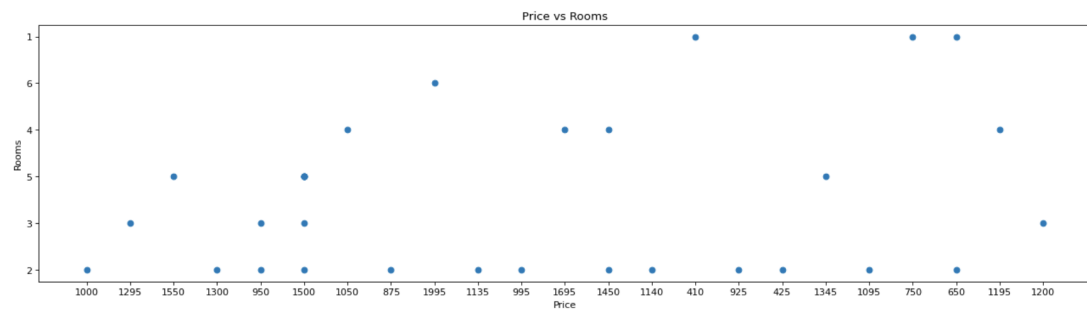
Methods:

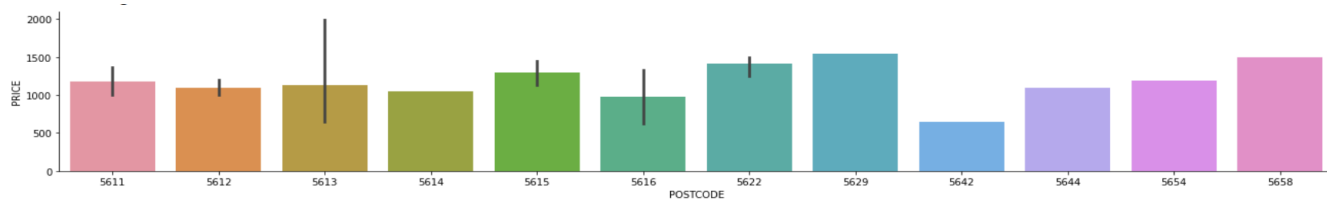
There are many ways to retrieve data from a source you selected. Common ways of extracting are from a file (csv or txt), from a database, JSON, API or web-scraping. In my project, I chose to extract the data from a website:

(<https://www.pararius.com/apartments/eindhoven>) by web scraping. I first extract the needed information about the housing properties and then, save the data into a pandas dataframe.

In the end, I save the data into a csv-file so as to be able to apply data integration for at least three different pages of the website.

Results: This section spells out the findings. Graphs and charts should be used wherever they are appropriate.





Summary: