Final Project Report

Group E8

05/04/2022

Introduction

Analysis

Before the real analysis on the dataset, the exploratory data analysis is necessary. In this step, missing values are checked and removed. The dataset will be clean and well-structured for the future analysis. After wrangling the dataset, several plots of exploratory and response variables are created. SInce the response variable `RatingValue` is categorical, we agree that bar plots and histograms are more suitable to explore the data. The plots below are one histogram of `LocalAuthorityCode`, and two bar plots of `BusinessType` and `RatingValue`.
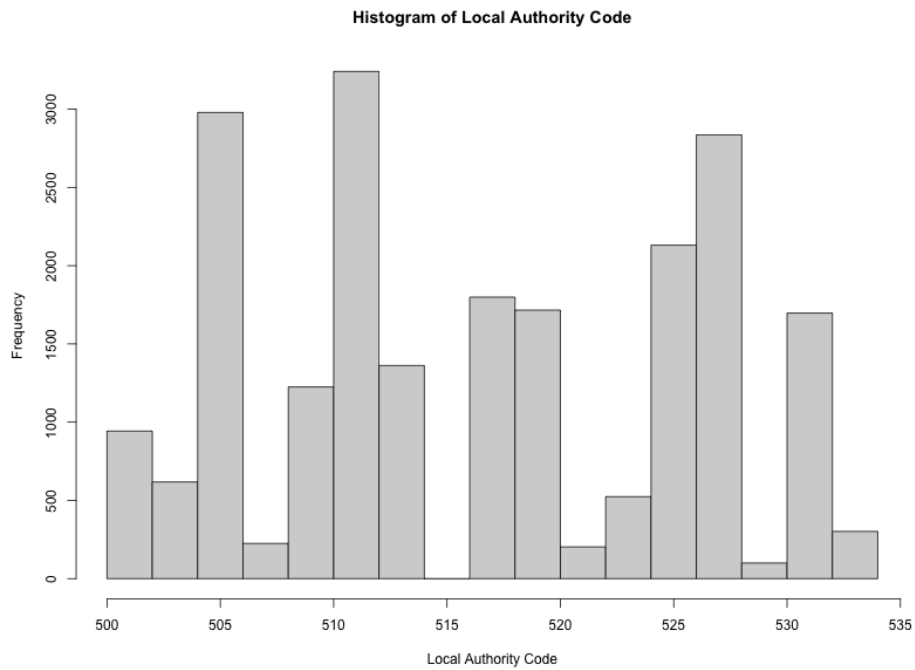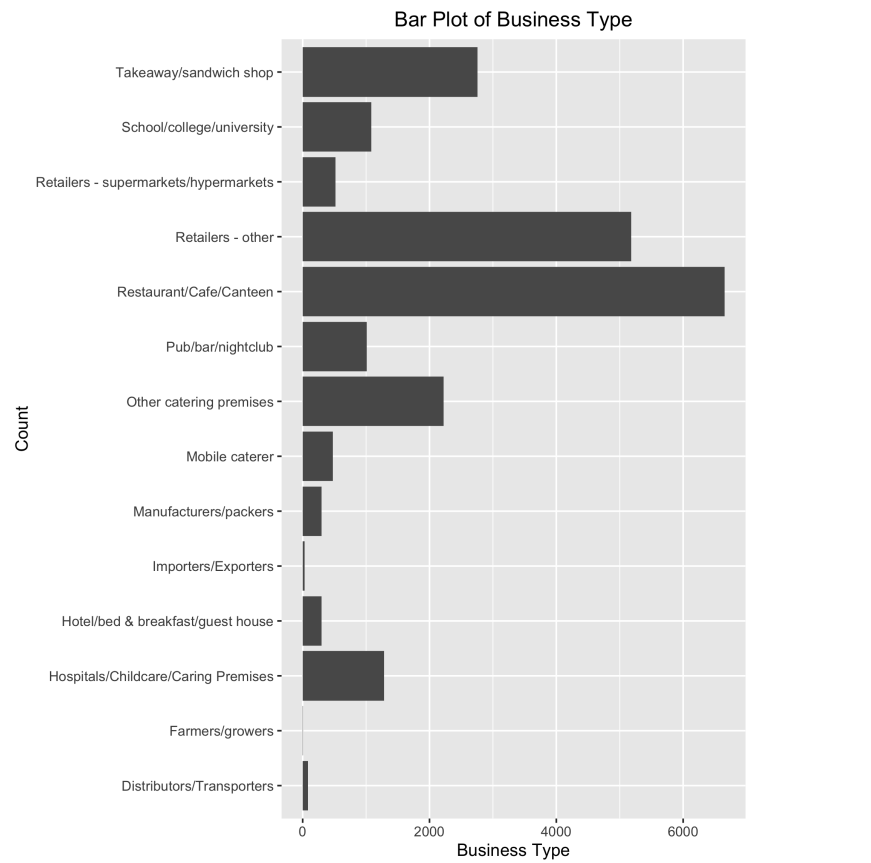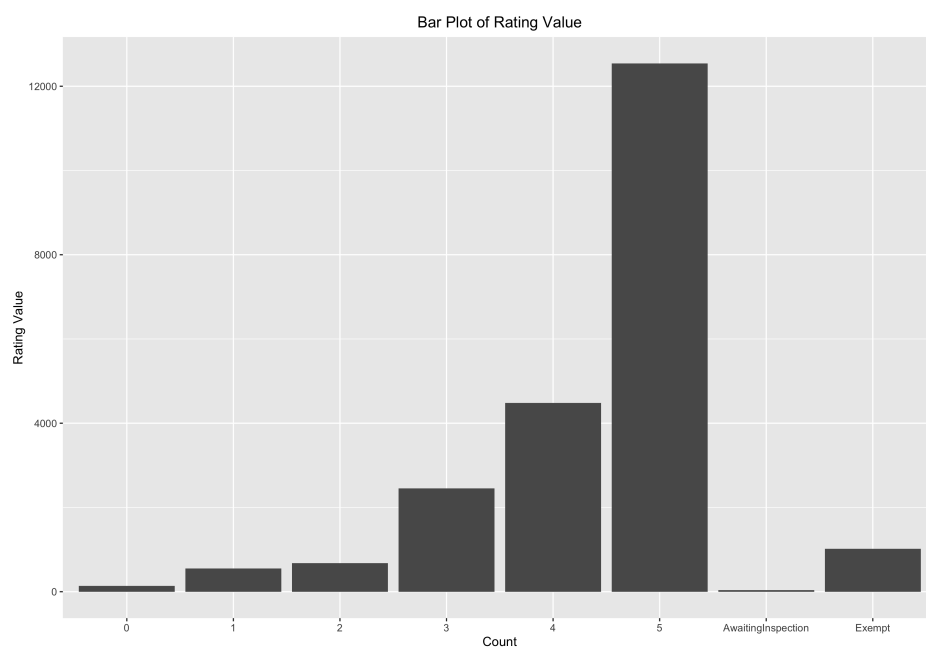

Figure 1: Histogram of Local Authority Code

Figure 2: Bar Plot of Business Type

Figure 3: Bar Plot of Rating Value