Introduction

Background

The case study which I am going to present is the restaurant industry. This is an evergreen industry. There won't be a dearth of restaurants in any place. The expertise in starting a restaurant are aplenty. The issue under consideration is to help anybody who is going to start a restaurant in any city. The city being considered here is the Kansas city. The current restaurant details are available and that can be used to predict and help the customer about feasibility and profitability of the business. There are many aspects that we can think of when considering this problem: Location, type of restaurant, menu offered, price list, type of employees, age group of employees, chefs etc. There are many to consider.

Problem

The customer want to start a restaurant in a given City(Kansas here). We as data scientist need to help the customer to help find the best location. We need to find the type and location for the customer. We can take into consideration different aspects: like menu, location, target customers etc. The issue we consider here is only the aspect of the location and type of the restaurant(whether it s Japanese, Italian, Thai, Asian etc). We need to analyze the competition as well. Need to find the neighboring restaurants and their types and need to confirm if this is a good fit for the customer to start the business.