



Recommender System

IBM DATA SCIENCE CAPSTONE

Introduction

- ▶ The skills of a data scientist are not limited to any field rather, they can be used to solve real world problems using data analysis insights.
- ▶ The location of the warehouse plays a very important role in the profits of the contractor.
- ▶ A groceries contractor, therefore, needs to be very decisive with where he places one of his warehouses.
- ▶ However, there are many factors which he needs to take into consideration to maximize his clients and therefore his profits.



Assumptions

All types of groceries are sold

All restaurants require all types of groceries

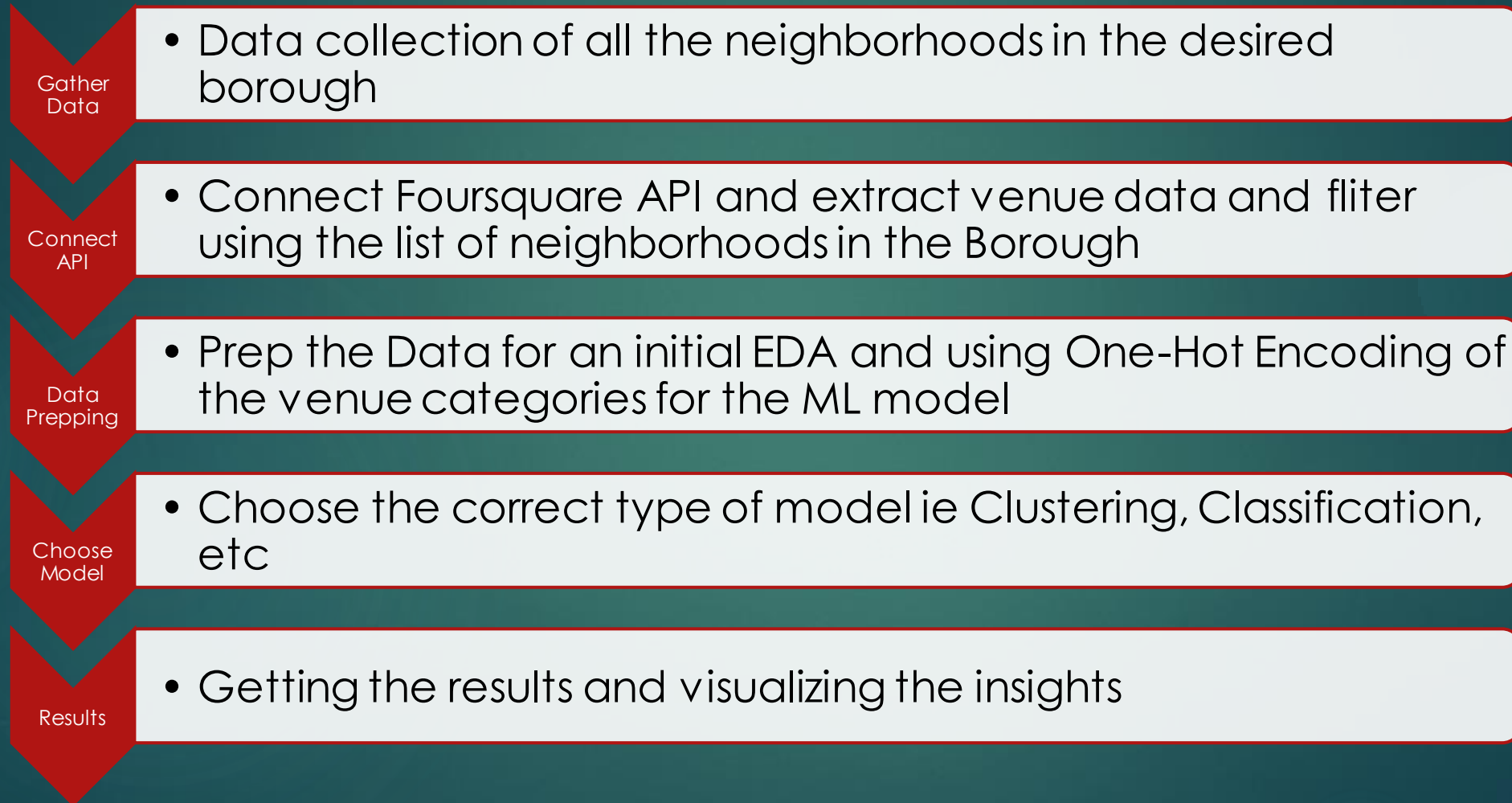
Food joints are considered as restaurants

Data Requirements

- ▶ [Postal Code]
- ▶ [Neighborhood(s)]
- ▶ [Neighborhood Latitude]
- ▶ [Neighborhood Longitude]
- ▶ [Venue] [Venue Summary]
- ▶ [Venue Category]
- ▶ [Distance (meter)]



Methodology



Recommendation based on analysis

