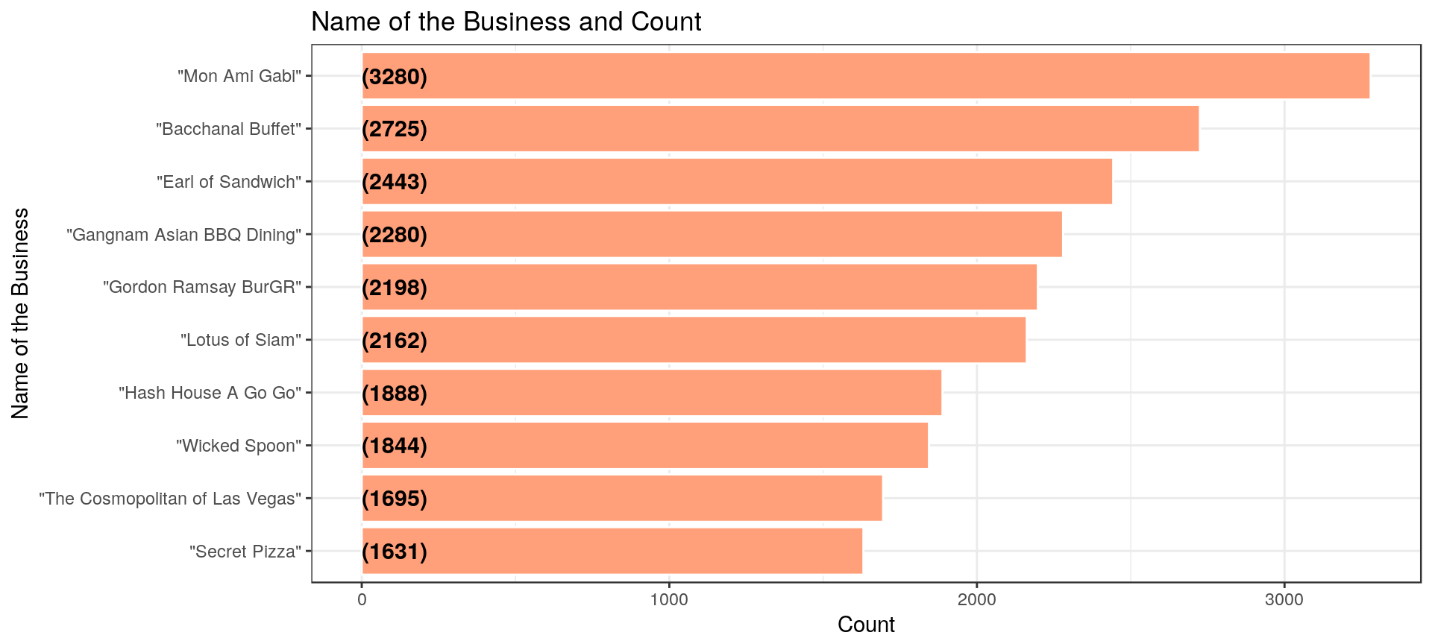
A graph with a bar graph

Description automatically generated

A graph with orange bars

Description automatically generated



**Mon Ami Gabi**

A graph with orange bars

Description automatically generated

A graph with a yellow line

Description automatically generated

A graph with numbers and lines

Description automatically generated

A close-up of words

Description automatically generated

A graph with orange bars

Description automatically generated

A graph with red and blue squares

Description automatically generated

A graph showing a bar chart

Description automatically generated

## **Relationship among words**

A group of blue dots

Description automatically generated

### **Relationship of words with steak**

A network of lines and dots

Description automatically generated

### **Relationship of words with steak**

A network of lines and dots

Description automatically generated

### **Relationship of words with french**

A network of lines and dots

Description automatically generated

# ****Bacchanal Buffet****

A close-up of a buffet

Description automatically generatedA graph with orange bars

Description automatically generatedA graph with red and blue squares

Description automatically generated

## **Relationship among words in Bacchanal Buffet**

A diagram of a network

Description automatically generated

### **Relationship of words with crab**

A network of words and a circle

Description automatically generated with medium confidence

### **Relationship of words with food**

A network with many points

Description automatically generated with medium confidence

# Top Ten Business in Toronto

A screenshot of a computer

Description automatically generated

# ****Pai Northern Thai Kitchen****

A close-up of words

Description automatically generated

A graph with orange bars

Description automatically generated

A graph with red and blue bars

Description automatically generated

## **Relationship among words in Pai Northern Thai Kitchen**

A group of blue dots and lines

Description automatically generated with medium confidence

### **Relationship of words with thai**

A network of dots and lines

Description automatically generated

# ****Chipotle business****

# Chipotle Business in Yonge Street Toronto

A close up of words

Description automatically generatedA graph with orange bars

Description automatically generatedA graph with red and blue squares

Description automatically generatedA group of lines with dots and letters

Description automatically generated with medium confidence

# Topic Modelling

Topic modeling is a method for **unsupervised classification of documents**, similar to clustering on numeric data, which finds natural groups of items even when we’re not sure what we’re looking for.

**Latent Dirichlet allocation (LDA)** is a particularly popular method for fitting a topic model. It treats each document as a mixture of topics, and each topic as a mixture of words. This allows documents to “overlap” each other in terms of content, rather than being separated into discrete groups, in a way that mirrors typical use of natural language.

## **Topic Modelling for Mon Ami Gabi**

A graph of different colored bars

Description automatically generated with medium confidence

## **Topic Modelling for Bacchanal Buffet**

A graph of a bar graph

Description automatically generated with medium confidence

## **Topic Modelling for Pai Northern Thai Kitchen**

A graph of different colored bars

Description automatically generated with medium confidence

# Phoenix City Analysis

## **Top Ten Business in Phoenix**

A screenshot of a computer

Description automatically generated

## **Topic Modelling for Phoenix City**

A graph with different colored bars

Description automatically generated with medium confidenceA close-up of words

Description automatically generated

## **Top Ten most common Words of the business Phoenix City**

A graph with orange bars

Description automatically generatedA graph with red and blue bars

Description automatically generated

# ****Bobby Q****

A close-up of a word cloud

Description automatically generatedA graph with orange bars

Description automatically generatedA graph with red and blue squares

Description automatically generated

## **Relationship among words in Bobby Q**

A group of words and a line

Description automatically generated with medium confidence