

# CLUSTER ANALYSIS OF RESTAURANTS TO VISIT, ATLANTA, GA

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## 1. Introduction

### 1.1 Background

Whenever a visitor visits a major city, they tend to spend more time to identify the restaurants which fits their requirement of customer satisfaction and budget, at a given venue. Even after searching for long time,

it's not necessary that he will end up at the desired place. By using data science, we can explore data

In order to divide the restaurants in Atlanta in 3 clusters which will help visitor to effectively and efficiently choose a restaurant.

### 1.2 Interest

This project helps to search venues in Atlanta, USA based upon their rating and average prices. By using Jupyter notebook, we will explore various venues in the city of Atlanta, USA in order to help visitors select the restaurants as per their choice. We have used below APIs:

- Foursquare API and
- Zomato API

Whenever a tourist is visiting a city they start looking for places to visit during their stay. They primarily look for places based on the venue ratings across all venues and the average prices such that the locations fit in their budget.