

IBM Capstone Project

The Battle of Neighborhoods

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1 Introduction

This report details the specifications of my final capstone project for IBM Applied Data Science Capstone course in Coursera.

For this project, I'm going to use the Foursquare location data and machine learning tools in order to segment and cluster neighborhoods in Athens, Greece.

Being a fan of both Italian food and the grandiose Greek capital, I chose to setup a tool that helps an Italian restaurateur to open an Italian restaurant in Athens. Since Italian food is very spread worldwide, it is quite common to come across a Neapolitan or Sicilian restaurant in any neighborhood or city. Therefore finding the most suitable location to open such a restaurant is one of the most important decisions for this entrepreneur as a good location is one of the pillars of a profitable business.