

IBM Data Science Professional Certificate

Capstone Project

Introduction

Introduction where you discuss the business problem and who would be interested in this project.

For my Capstone project, I will use Foursquare to pull location data on areas in the United States with NFL Stadiums and International Airports. With the data, I will attempt to use machine learning to determine whether the type of venue (Stadium or Airport) can be determined using the venue categories within a half mile from the Stadium or Airport.

Data

Data where you describe the data that will be used to solve the problem and the source of the data.

I used 3 data sets for this exercise.

- NFL Stadiums and their locations: <https://sites.google.com/site/32nflteamsabsoluteandrelative>
- International Airports and their locations: <https://www.latlong.net/category/airports-236-19.html>
- Foursquare location data.

The stadium and airport data will be combined and categorized so we can apply a categorical analysis.