Restaurant Ratings

# Summary

In the following project, two datasets were used to study restaurant ratings. The task is to produce a list of allergy friendly restaurants based on consumer ratings when traveling to Mexico

# Data source

- rating\_final.csv

- geoplaces2.csv

# Transformation

* Cleaned CSV files using Pandas | transferred csv files to data frames
* Merged ratings based on names, user\_id, geoplace\_id, latitude, service ratings, city, allergy ratings,
* Merged files and joined datasets

# Database

* PostgresSQL

# Final table or collection that will be used in production

* Output\_merge\_placeid.csv

# Final technical report and steps required to reproduce the ETL

Two approaches were tested;

* A collaborative filter technique used one file, output\_merge\_userid.csv that comprises the user, item and rating attributes
* A contextual approach generated the recommendations using output\_merge\_placeid.csv for geoplaces and allergy ratings

# Food Rating

* Food Rating is based on a scale of 0 – 5 where:

0 = not allergy friendly

5 = allergy friendly