**EXTRACT**

Datasets:

1 - CSV from <https://www.kaggle.com/chicago/chicago-food-inspections>

2 – API - <https://developers.google.com/places/web-service/supported_types>

**TRANSFORM**

Create database in pandas and store CSV in MYSQL. Take out all facility types that are not restaurants (use group by to do that).

Run API on second dataset using lat/lng as join from first dataset and store in Mongo (looking for Cuisine).

**LOAD**

Load combo database back into MySQL which will include column names – Name of restaurant, cuisine, address, , lat/lng, results of inspection, inspection ids, and risk.

**HTML ideas with three routes**

First page/button – EXTRACT include steps above and screen shots/ go to the flask app and grab the application

Second page/button – TRANSFORM include steps above and convert pandas to html

Third page/button – LOAD show the final results

**At the end of the week, your team will submit a Final Report that describes the following:**

Extract: your original data sources and how the data was formatted (CSV, JSON, MySQL, etc).

Transform: what data cleaning or transformation was required.

Load: the final database, tables/collections, and why this was chosen.