Data source:

[Yelp.com](https://www.yelp.com/)

We manually scraped data from Yelp.com. We looked at the data for each restaurant and found out details like restaurant Name, restaurant ID, restaurant address, restaurant hours, restaurant contact, restaurant link. Then we looked at the customers who had left reviews on the pages of these restaurants and scraped the data of these customers such as the customer ID, customer name, customer address, customer gender, customer rating, customer review and customer review date. We then looked at the menus of these restaurants and found out details about the food such as the food name and food type and food price.

It took us about 10 MAN hours to complete this task as we had to scrape additional data for our specific business transactions.

**TESTING**

**Steps of Testing:**

**Step 1: Creation of tables:**

Run the Project\_0501\_10\_CreateTable.sql file

**Step 2: Insert Data:**

Run the Project\_0501\_10\_Insert.sql file

**Step3: Create Views:**

Run the Project\_0501\_10\_CreateView.sql file

**Step4:** **Query statements(Business transactions)**

* What are the items on the menu of all restaurants and their food type and prices?  
    
  SELECT \*  
  FROM [Restaurant\_and\_Food\_Price]
* List all Japanese restaurants with Rating of 3 and above in and around College Park and their food details.  
    
  SELECT \*  
  FROM [Japanese\_Restaurant\_Food\_Details\_With\_Rating]
* What is the count of various dishes by their food type for all restaurants in and around College Park?  
    
  SELECT \*  
  FROM [Number of food items by Cuisine type]
* List all Restaurant with average rating of 4 and above  
    
  SELECT \*  
  FROM [Restaurants with Average Rating of 4 and above]
* List the review details for the restaurant Marathon Deli  
    
  SELECT \*  
  FROM [Review and Comments of Marathon Deli]

References restaurants on Yelp :

<https://www.yelp.com/biz/marathon-deli-college-park>

<https://www.yelp.com/biz/saburo-ramen-college-park>

<https://www.yelp.com/biz/kangnam-bbq-sports-bar-and-grill-college-park>

<https://www.yelp.com/biz/blaze-pizza-college-park-2>

<https://www.yelp.com/biz/busboys-and-poets-450k-washington>

<https://www.yelp.com/biz/qu-japan-college-park-2>

<https://www.yelp.com/biz/wasabi-bistro-college-park>

<https://www.yelp.com/biz/hanami-college-park-2>