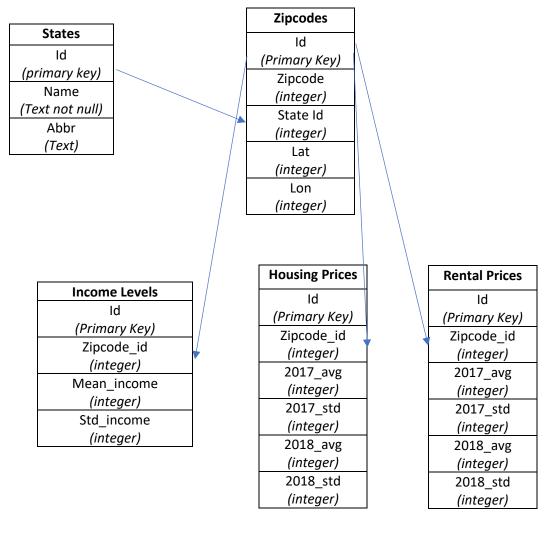
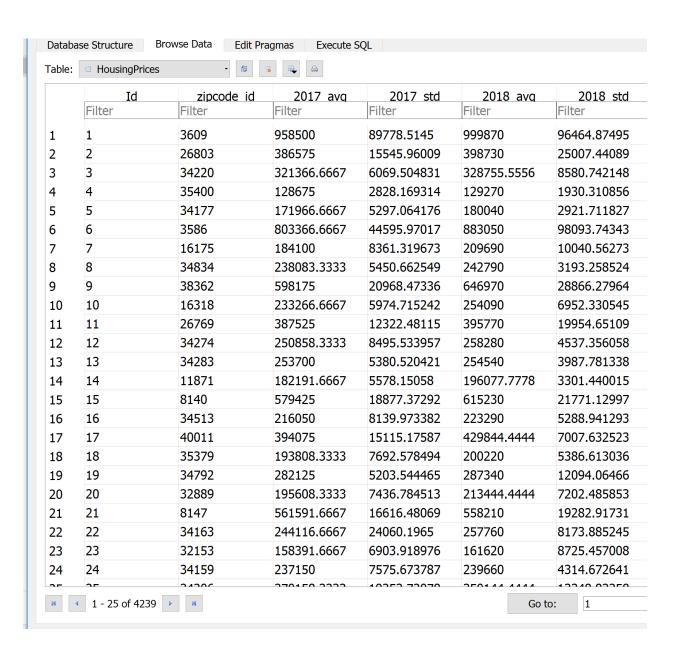
SI 507 Project Proposal

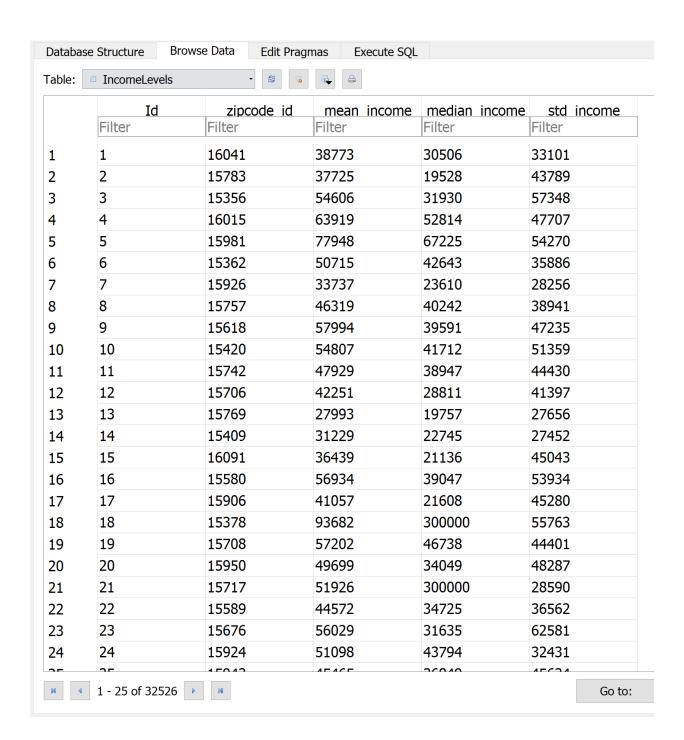
Data Collection:

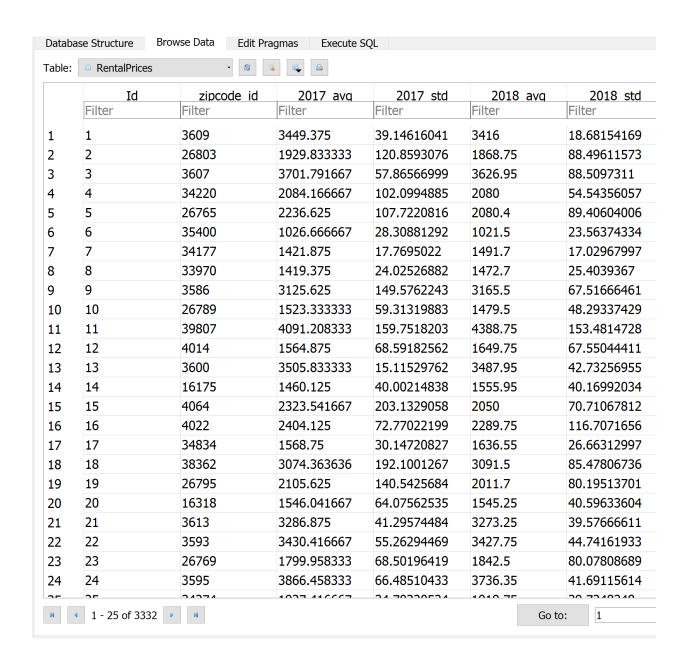
1. Create database for US household income stats

a. Income.db

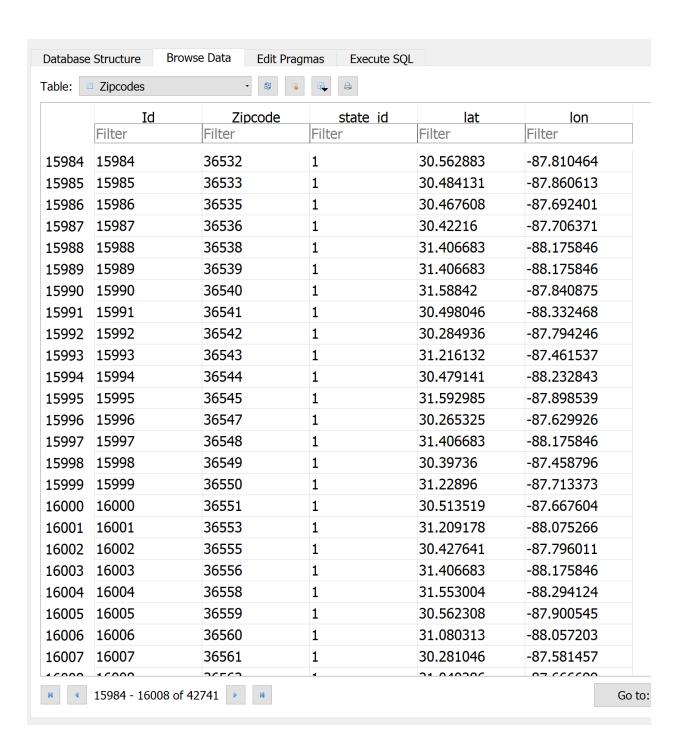












Questions:

1. How to get Id to properly increment on database

1. Create API request for Yelp

- a. Inputs
 - i. Base: 'https://api.yelp.com/v3/businesses/search'
 - ii. HTTP Auth: headers={'Authorization': 'bearer %s'%YELP_KEY}
 - iii. Parameters: term='restaurants'
 - iv. Zipcode search
 - 1. Params: Lat and Lon [from SQL query on zipcodes table]
 - v. Full Address search
 - 1. Params:location [from user input]
- b. Returns (json file)
 - i. 20 restaurants in location with:
 - 1. Business name
 - 2. Business type
 - 3. Business lat and lon
 - 4. Business price(\$-\$\$\$)
 - 5. Ratings(1-5)
 - 6. URL to site

YelpResults
Id
(Primary Key)
Zipcode_id
(integer)
Business Name
(integer)
lat
(integer)
Lon
(integer)
Business_price
(text)
Ratings
(integer)
Site_url
(text)

Picture of Cache File

