Capstone Project Battle of Neighborhoods Recommended Best Mexican Restaurant for Mexican visitors Sacramento, CA

Introduction

Sacramento is the capital city of California. known for many things such as its agriculture, sustainability, infrastructure, healthcare and educational institutions, Sacramento is a lush and vibrant metropolitan city in the northern California. the neighborhoods of Sacramento offer a distinct balance between an urbanites dream and suburban escape.

Sacramento area contains of (9) county our focus in this analysis on Sacramento county,

Objectives

Question that can be asked using the above mentioned datasets

• What is best location of the best Mexican food in Sacramento county?

Data

For this project we need the following data:

Four Square Sacramento City Guide Data (venues):

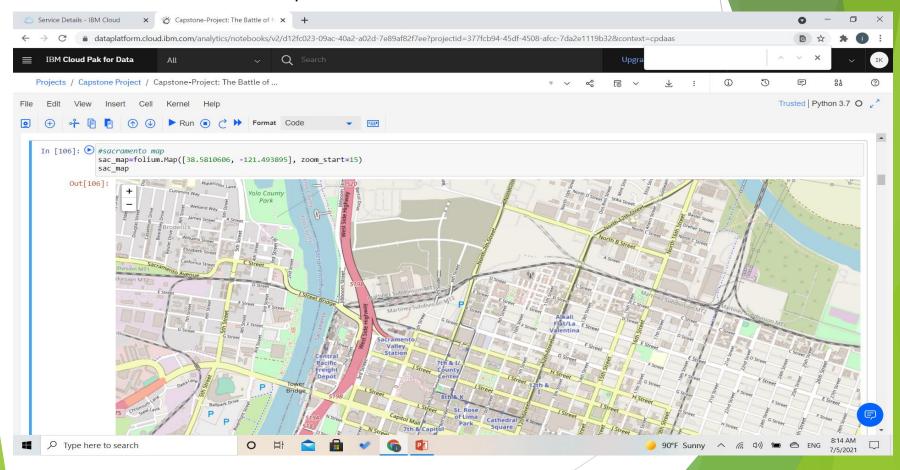
Foursquare API: to find dealerships/venues

Methodology

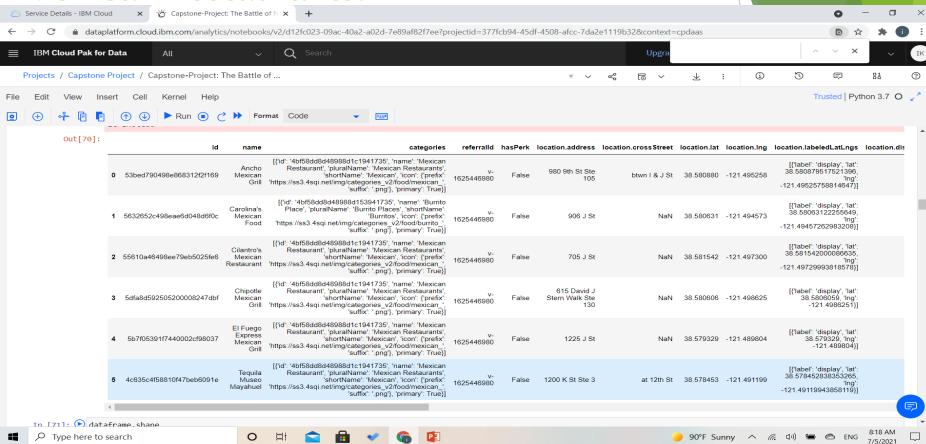
- Review Sacramento city
- Using FourSquare API we will find all venues for each neighborhood.
- Using aggregative rating for each venues to find the best places.
- Visualize the Ranking of neighborhoods using folium library(python)

Results

Sacramento Folium Map



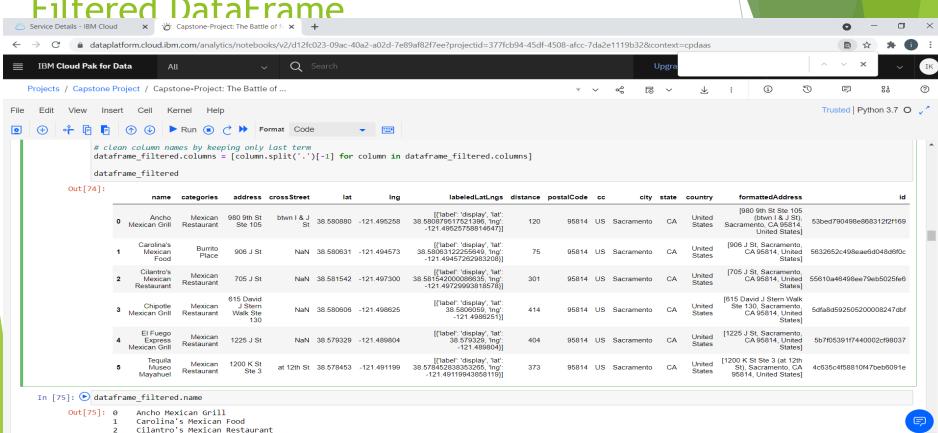
Mexican Restaurants:



Filtered DataFrame

Chipotle Mexican Grill

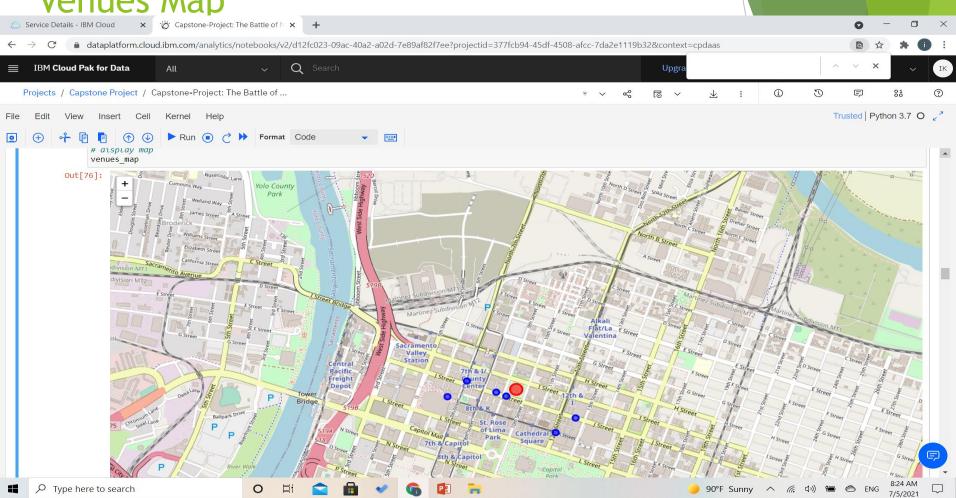
Type here to search



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Venues Map



Business Rating Service Details - IBM Cloud X Capstone-Project: The Battle of N X + dataplatform.cloud.ibm.com/analytics/notebooks/v2/d12fc023-09ac-40a2-a02d-7e89af82f7ee?projectid=377fcb94-45df-4508-afcc-7da2e1119b32&context=cpdaas **IBM Cloud Pak for Data** Q Search Upgra All (i) \mathbf{C} Projects / Capstone Project / Capstone-Project: The Battle of ... Trusted | Python 3.7 O / Kernel Run (Format Code **▼** === url = 'https://api.foursquare.com/v2/venues/{}?client_id={}&client_secret={}&oauth_token={}&v={}'.format(venue_id, CLIENT_ID, CLIENT_SECRET,ACCESS_TOKEN, VERSION) result = requests.get(url).json() try: print(result['response']['venue']['rating']) print('This venue has not been rated yet.') 7.2 In [83]: venue id = '5b7f05391f7440002cf98037' url = 'https://api.foursquare.com/v2/venues/{}?client_id={}&client_secret={}&oauth_token={}&v={}'.format(venue_id, CLIENT_ID, CLIENT_SECRET,ACCESS_TOKEN, VERSION) result = requests.get(url).json() print(result['response']['venue']['rating']) print('This venue has not been rated yet.') This venue has not been rated yet. In [84]: • venue id = '4c635c4f58810f47beb6091e' url = 'https://api.foursquare.com/v2/venues/{}?client id={}&client secret={}&oauth token={}&v={}'.format(venue id, CLIENT ID, CLIENT SECRET,ACCESS TOKEN, VERSION) result = requests.get(url).json() try: print(result['response']['venue']['rating']) print('This venue has not been rated yet.') 7.4 In [85]: result['response']['venue']['tips']['count'] Type here to search

7/5/2021



The high rating is:

TEQUILA MUSEO Restaurant

Rate:7.4

Number of tips:42

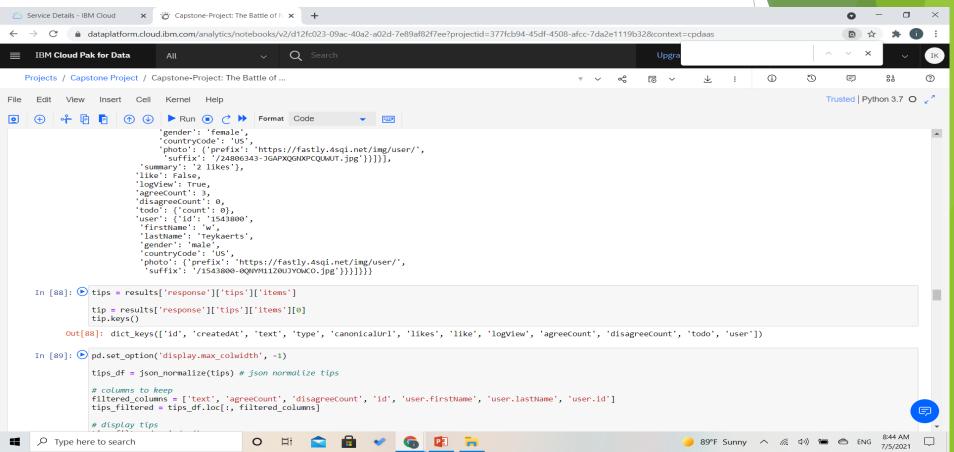
Location: [1200 K St 3 (at 12th St),

Sacramento, CA 95814, United States]

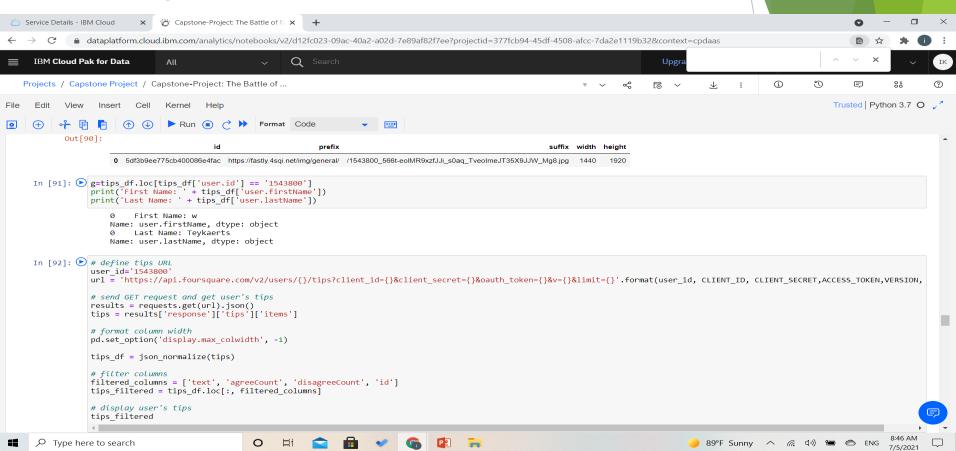
Tequila Museo Mayahuel show cases Mayahuel as a Cultural Museum of México. Everything we do at Mayahuel is a part of that Museum – from how artfully the food is presented on the plate, to the perfection of a superbly made cocktail, the passion of art and music, and the beauty of an excellent glass of fine Tequila.

It's the embodiment of history and culture, passion and love, lives ancient and present-day.

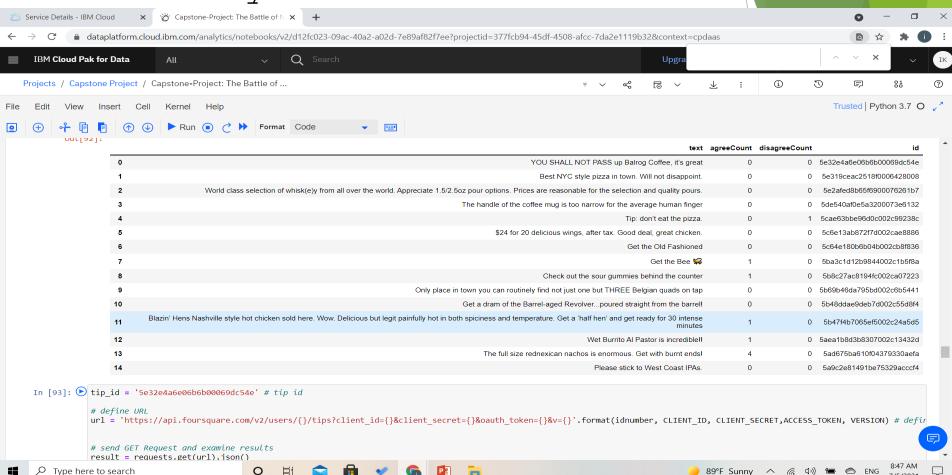
Exploring Tips by Items



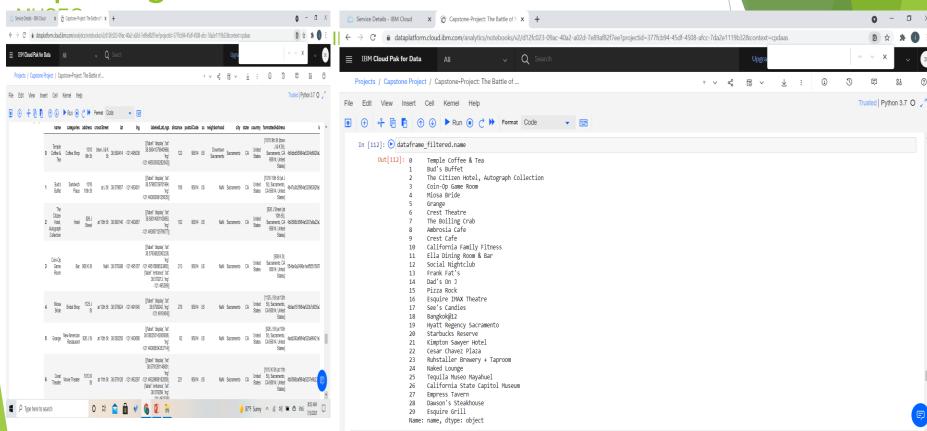
Users Tips



User W. Teykaerts

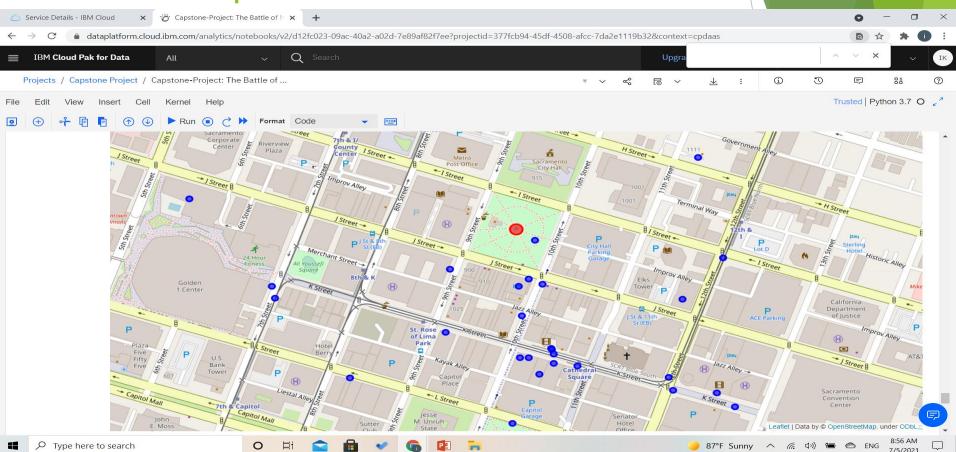


Exploring Venues Around TEQUILA



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Featuers Map



Conclusion

- **Sacramento County** is the very populated county in the area.
- The location 1200 K St 3 (at 12th St), have the best Mexican Restaurant.
- **Tequila Museo Mayahuel** the best restaurant for Mexican Visitors person.
- The Tequila Museo Mayahuel location is the best location because it is surrounded by many venues such as Hyatt Regncy Sacramento Htel, California State Capital Museum, Social NightClub, Bar, PIZZA ROCK, and so on.