Coming to Monterrey? Take a gastronomic tour!

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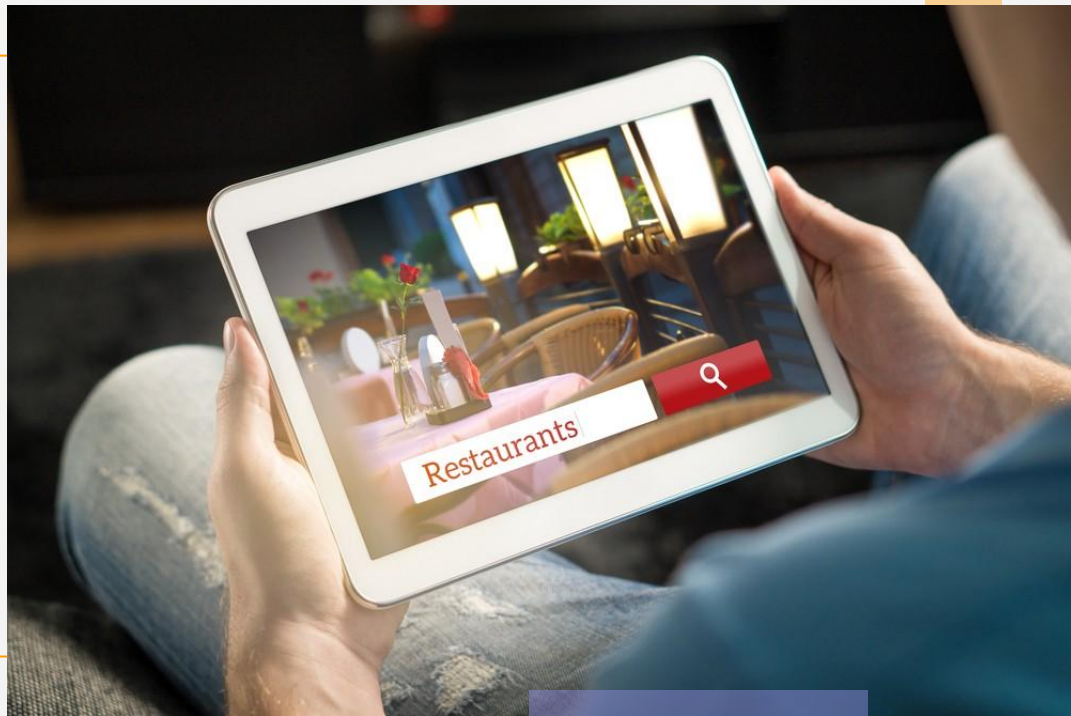
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Welcome to Monterrey!

Monterrey is located in the North East side of Mexico and it's considered the 3rd largest city in the country.

As Monterrey growths its territory and population, the options to have everyone busy and entertained growths as well.

With all the options out there, it is becoming harder to pick the right place to go… and even more if you are not from around here.

No worries… **We have your back!!!**

In these slides you will find our recommendation for best restaurants to visit:

1.- Best rated restaurants
2.- Best rated high price restaurants
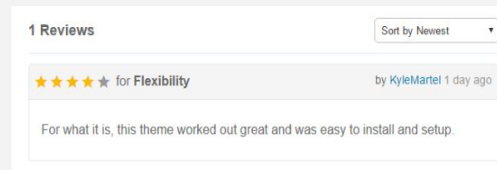3.- Best rated low price restaurants

Trust us... we got it from the best

Before we start, let's get something straight:

Ratings:

VS

Reviews

The company develops, hosts, and markets. Publishes crowd-sourced reviews about businesses. It also operates an online reservation service called Yelp Reservations.

Records: 272

Google recently reintroduced the ability to add business **descriptions** on Google Maps. Online **reviews** listing help your business stand out from the crowd.

Records:60

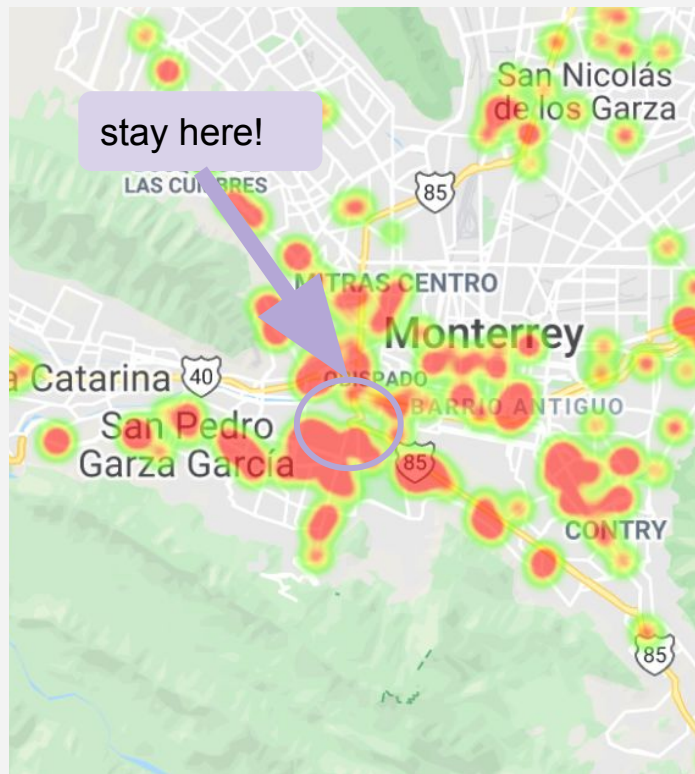# Based on our findings... let's jump into the recommendations

"One cannot **THINK** well, **LOVE** well, **SLEEP** well, if one has not **DINED WELL**."

– Virginia Woolf

1.- Best rated restaurants in Monterrey metropolitan area

Rating

Il Capriccio Cantinetta — $$$ — 5

E — $$$$ — 5

EL PAPALOTE TACO & GRILL — $$ — 5

NōMADA -cocina en movimiento- — $$$ — 5

ASADOR LA VACA ARGENTINA MR — $$$ — 5

Rating

EL GAUCHO — $$$ — 4.7

Pampas — $$$ — 4.6

LOS ARCOS - EST. 1977- — $$ — 4.7

La Divina RESTORÁN · CANTINA — $$ — 4.6

EL LINGOTE — $$$ — 4.5

stay here!

2.- Best rated restaurants - High price

Rating

Restaurant	Price	Rating
SONORA GRILL PRIME	$$$$	4
Modenese RISTORANTE ITALIANO	$$$$	4
E	$$$$	5
La Guacamaya	$$$$	4.5
MERCURIO HIGH PARK	$$$$	5

stay here!
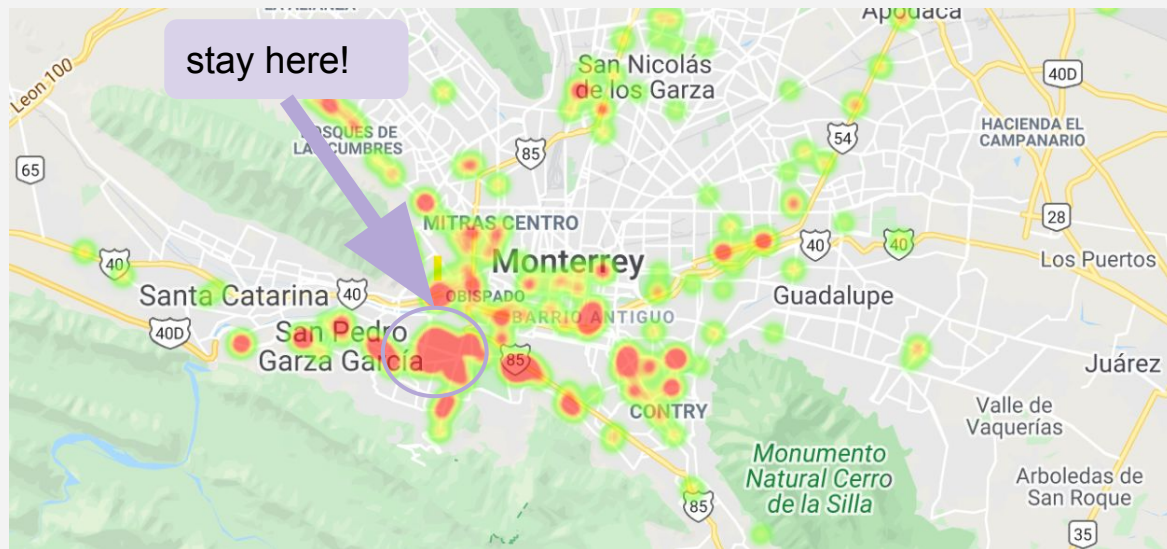
3.- Best rated restaurants - Low price

Rating
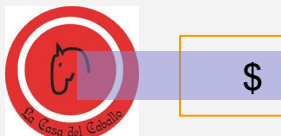
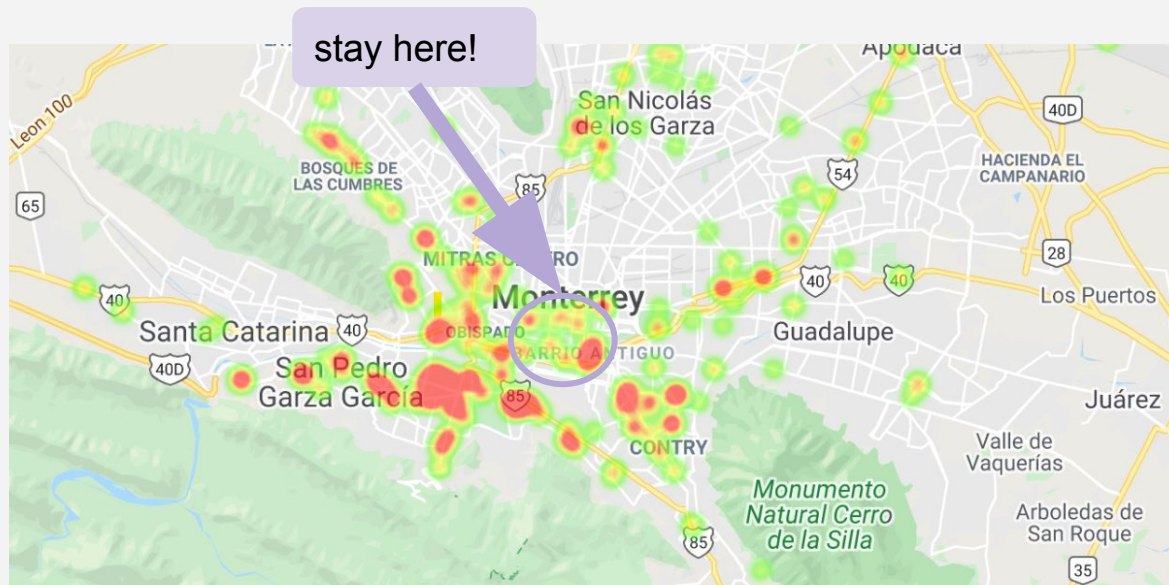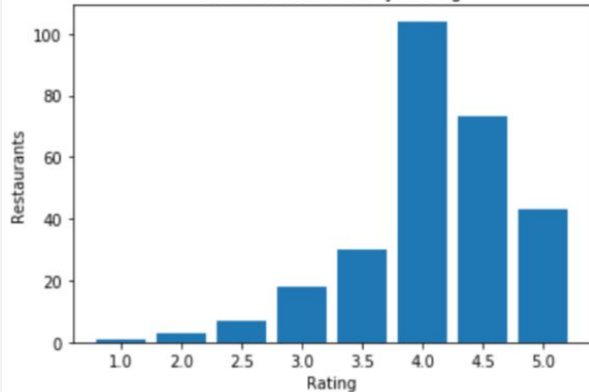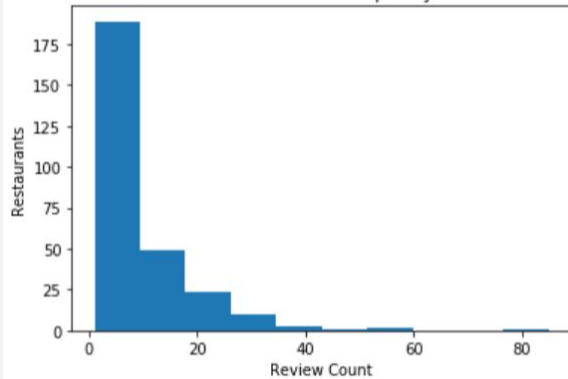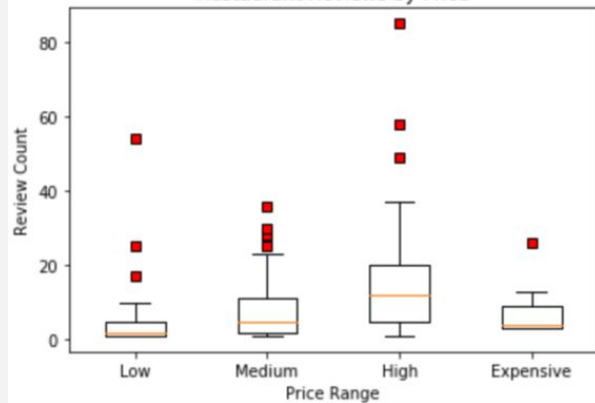|		Rating
	$	5
	$	5
	$	5
	$	5
	$	5

DIFFICULTIES AND LIMITATIONS

Restaurant Count by Rating

Review Count Frequency

Restaurant Reviews by Price

Yelp - Limited search engine, Random & Radio used

```python
In [6]:   import pandas as pd
          import requests
          import json
          from pprint import pprint
          from config import yelp_key, g_key
          import numpy as np
          import gmaps
          from scipy.stats import linregress
          import matplotlib.pyplot as plt
```

```python
In [8]:   #random location delimitation for api calls

          headers = {'Authorization': 'bearer %s' % yelp_key}

          sw = {"lat": 25.616718, "lng": -100.484892}
          ne = {"lat": 25.833780, "lng": -100.154103}
          size = 200

          lats = np.random.uniform(low = sw["lat"], high= ne["lat"], size=(size))
          lngs = np.random.uniform(low = ne["lng"], high= sw["lng"], size=(size))
          locs = list(zip(lats, lngs))

          gmaps.configure(api_key=g_key)

          marker_layer = gmaps.marker_layer(locs)
          fig = gmaps.figure()
          fig.add_layer(marker_layer)
          fig
```
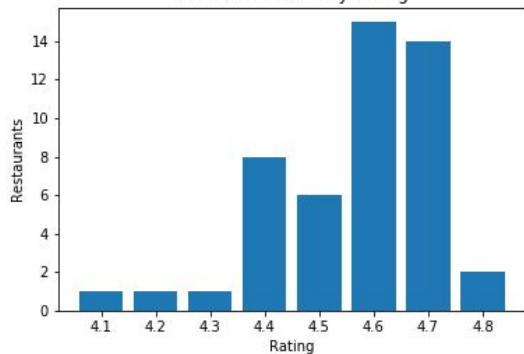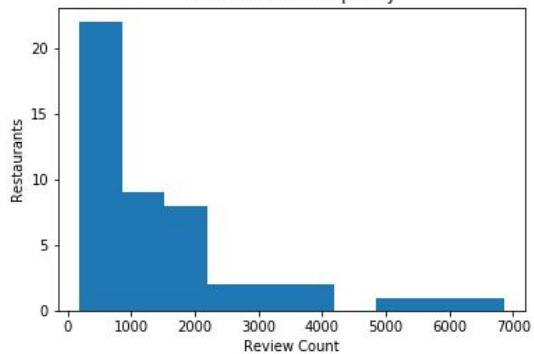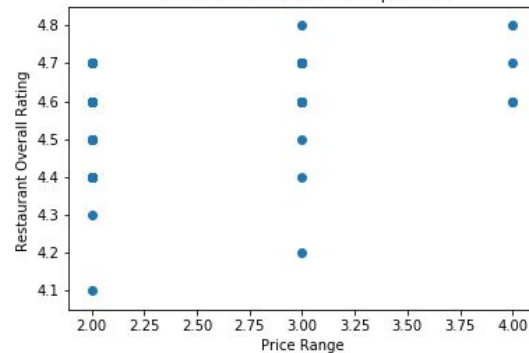
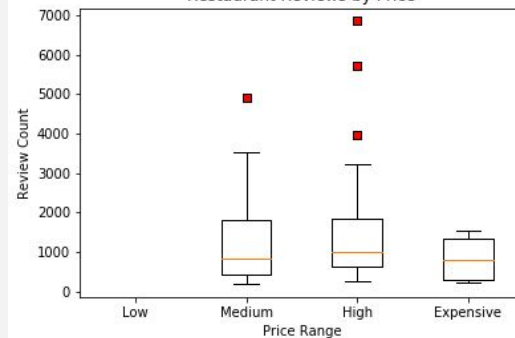Analysis done

Google - Limited search engine, Next page token & Postman used

```python
In [2]:  # Find best restaurants in the city.  --> BY TEXT SEACH

         restName =[]
         restId = []
         restAddress = []
         restRating = []
         restUserRat = []
         restPrice = []
         restLat = []
         restLong = []


         my_phrase = "best restaurants in Monterrey"

         url = "https://maps.googleapis.com/maps/api/place/textsearch/json"
         params = {"query": my_phrase,"key": gkey}
         dict_response={}
```
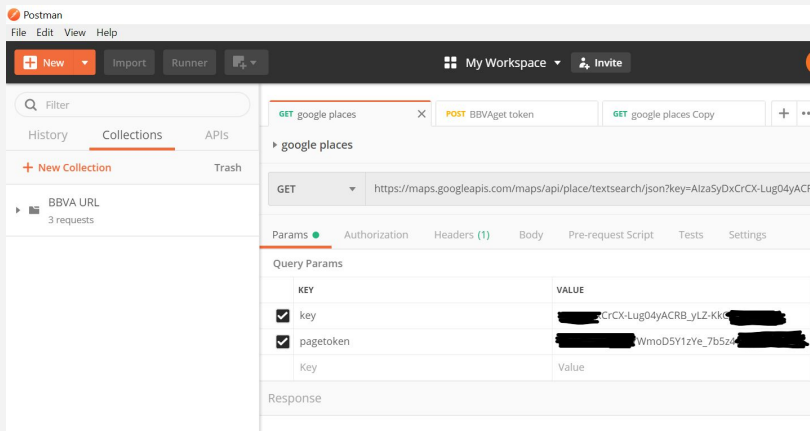
```python
counter = 0
while counter<3: # holds up to 60 results, 20 per round
    response = (requests.get(url, params, timeout = 30)).json()

    for place in response["results"]:
        try:
            restName.append(place["name"])
            restId.append(place["place_id"])
            restAddress.append(place["formatted_address"])
            restRating.append(place["rating"])
            restUserRat.append(place["user_ratings_total"])
            restPrice.append(place["price_level"])
            restLat.append(place["geometry"]["location"]["lat"])
            restLong.append(place["geometry"]["location"]["lng"])

        except:
            #print("Business information not found. Skipping...")
            pass #

    try:
        params = {"key": gkey}
        params["pagetoken"] = response["next_page_token"]
        counter+=1
    except:
        break
```

THANKS

Does anyone have any questions?