

Jericho Timbol

RESEARCH OVERVIEW

Google Review Scrape

All 1600+ data records scraped and created from Google Reviews as of September 22 2023.

Rajini Jesuraj Local Guide · 539 reviews	:
★★★ a month ago	
Food is great and the atmosphere is good.	Good place
for families and friends. Kids meal is very g	ood. Salads
are excellent. There are so many vegetariar	dishes too.
I can recommend this food place for your fa	amily and
kids. More	

author	▼ review_body ▼	review_ratin ▼	review_tags	▼ category_rating	▼ date ▼
Gilberto Gonzalez	Food: 4/5 Service: 4/5 Atmosphi	4	Dine in Dinner \$20-	-30 Food: 4/5 Service: 4/5	Atmosphere: 5/5 10 months ago
J'Dnt Vega	I went for brunch with the family and	4			7 years ago
Chris Griggs	Good happy hour, great food, and ma	5			2 years ago
Art Wheatley	Love the salsa and chips Food: 5/5	5		Food: 5/5 Service: 5/5	Atmosphere : 5/5 a week ago

Guiding Questions

- How do review ratings relate to category ratings?
 - Avg rating for categories by star review?
- Do dining time reviews show any trends?
- Sentiment review on body of the review
 - Negative but positive vice versa



```
author review_body review_rating review_tags

Excellent
waiter his
name was 5 Dine in
Jericho
———
```

DATASET OVERVIEW

author: Name of reviewer

review_body: This column contains the textual content of the restaurant reviews.

Increidble menu and great service. Can be a little crowded and some items are more expensive than they should be, but I'm never disappointed with the food and so always satisfied with the bill Food : 5/5 | Service : 5/5 | Atmosphere : 5/5

review_rating: This column appears to represent the numeric ratings given by the reviewers to the restaurant. Ratings are typically used to express the overall satisfaction of the reviewers with their dining experience.

review_tags: It seems that this column might contain additional descriptive tags or labels related to the restaurant reviews.

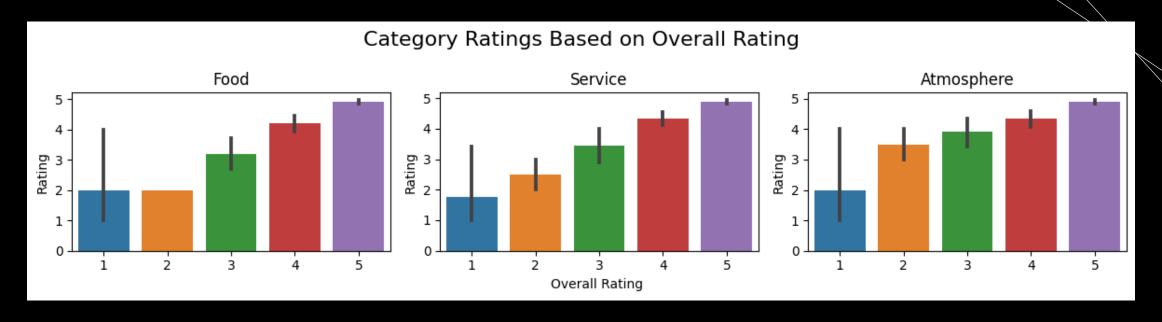
Dine in | Lunch | \$10-20

category_rating: This column possibly contains ratings or scores related to specific categories or aspects of the restaurant

Food: 4/5 | Service: 4/5 | Atmosphere: 5/5

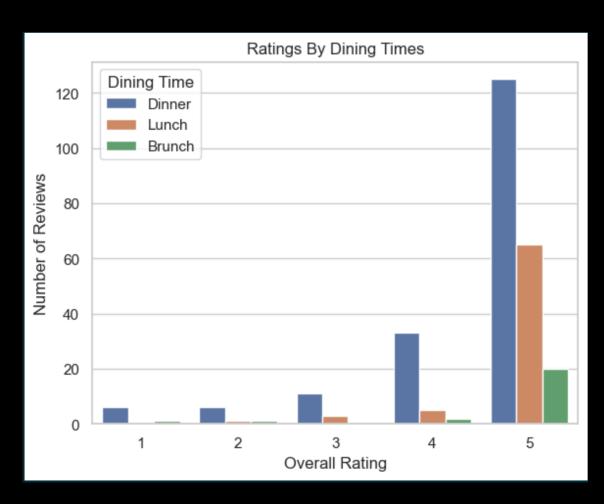
date: Date when the restaurant reviews were posted or written by the reviewers. The dates could be in various formats, such as "5 years ago," "3 years ago," "4 years ago," "3 months ago," "a year ago," and "10 months ago"

FOOD, SERVICE, AND ATMOSPHERE ANALYSIS



	atmosphere_rating	food_rating	service_rating
1	2.00	2.00	1.75
2	3.50	2.00	2.50
3	3.91	3.18	3.45
4	4.36	4.20	4.32
5	4.90	4.92	4.87
Overall	4.69	4.64	4.62

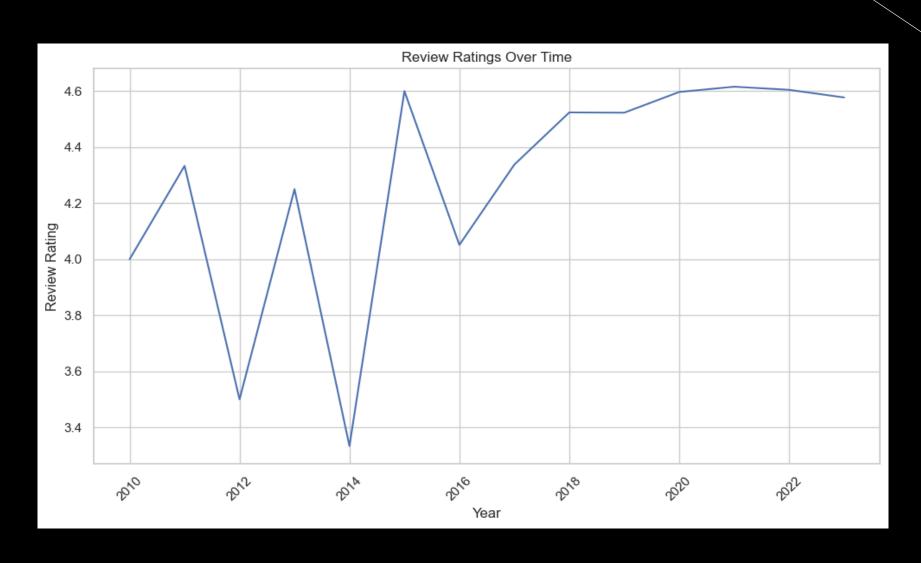
DINING TIME ANALYSIS



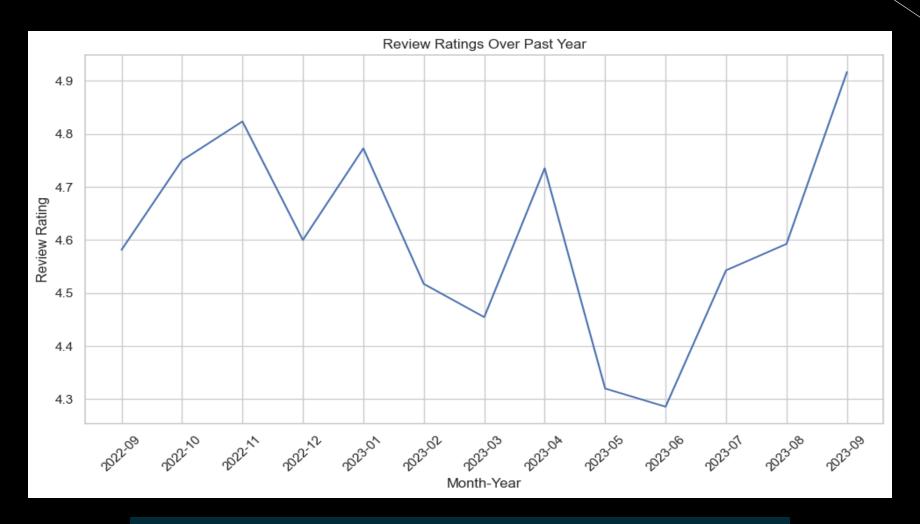
review_rating	1	2	3	4	5
dining_time					
Brunch	4.17%	4.17%	0.00%	8.33%	83.33%
Dinner	3.31%	3.31%	6.08%	18.23%	69.06%
Lunch	0.00%	1.35%	4.05%	6.76%	87.84%

dining_time	Brunch	Dinner	Lunch
Avg Rating	4.625	4.464088	4.810811

RATINGS OVER TIME



RATINGS OVER TIME



SENTIMENT ANALYSIS

ROBERTA NATURAL LANGUAGE PROCESSING MODEL

- RoBERTa is a transformer-based language model that uses self-attention to process input sequences and generate contextualized representations of words in a sentence.
- Scored on a criteria of 0 1 on the relation to neutrality, positivity and negativity.

TESTING

```
> Positive Input: ('Jericho was absolutely amazing. The food was just what I
needed!')
{'roberta_neg': 0.0017027779, 'roberta_neu': 0.008567015, 'roberta_pos': 0.98973024}
```

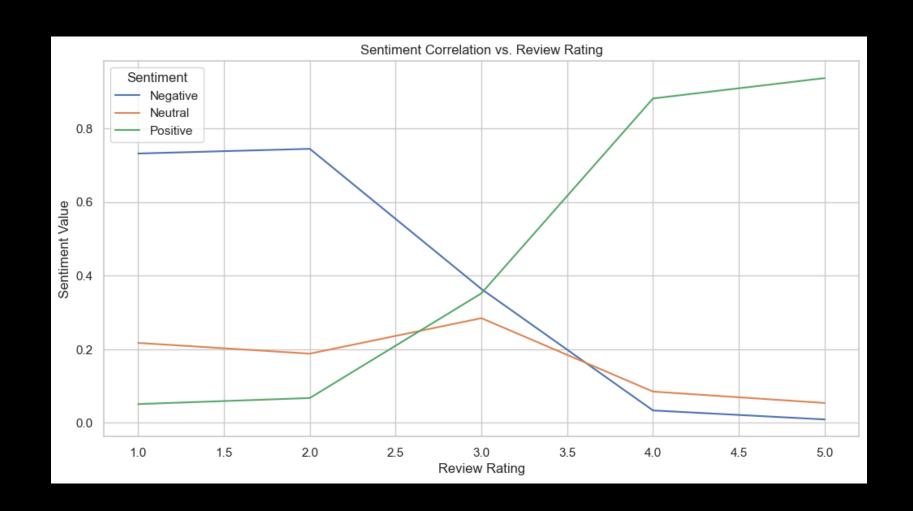
> Mixed Input: ('Jericho was a good server but the carne asada was mediocre')

```
{'roberta_neg': 0.56492746, 'roberta_neu': 0.3689242, 'roberta_pos': 0.06614835}
```

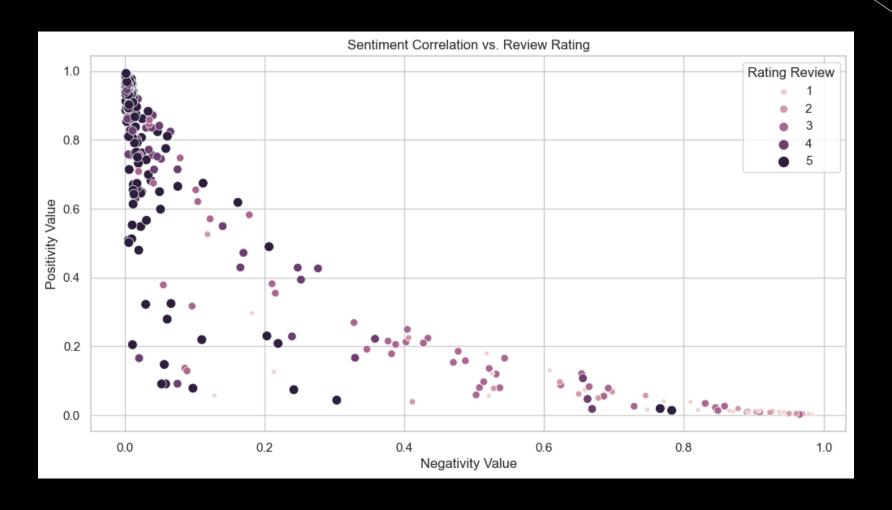
> Negative Input: ('Eating at Azul was not ideal. The food was bland and Jericho, our server, was farting constantly in front of the tables')

```
{'roberta_neg': 0.96264356, 'roberta_neu': 0.034272406, 'roberta_pos': 0.0030840512}
```

VISUALIZING SENTIMENTS



VISUALIZING SENTIMENTS



WORD CLOUD ANALYSIS

All Reviews Cloud

* There are 143422 words in the combination of all review.

```
drink
       + amazing
great
goodservice
   Great foodsalsa
```

NEGATIVE WORD CLOUD

- There are 21123 words in the combination of negative review.
 - Neg Value > .5

- There are 16320 words in the combination of negative review.
 - Review Rating <= 2

```
Mexican Service food server time time people
```



ROBERTA VALUE VS RATING ANALYSIS

 Sorted Reviews with highest negativity ratings

ID: 38

Review Rating: 1

Roberta Neg: 0.9829794764518738

Review Body: Manager did not allow us to sit because we changed tables from the bar to regular seating. Clowns. This place is

disgusting. Horrible service. Do not reccomend

ID: 761

Review Rating: 1

Roberta Neg: 0.9790721535682678

Review Body: Food tasted subpar. Got food poisoning immediately after. Will never go there again.

ID: 244

Review Rating: 2

Roberta Neg: 0.9697834253311157

Review Body: Horrible service. Horrible food. It was a complete waste of time and waste of money. I had my hopes up to eat authentic Mexican food. I'm not sure if this is some sort of Mexican fusion establishment but it is definitely not what I expected. They serve Asada with mashed potatoes and green beans! The salsa in comes one way and that is mild. I was really hoping to like this place, but I was let down. Seating is a little cramped towards the back of the restaurant.

ID: 663

Review Rating: 3

Roberta Neg: 0.9653684496879578

Review Body: Disappointed. They do not allow dogs on the patio.

ROBERTA VALUE VS RATING ANALYSIS

 Sorted Reviews 4 star or higher and by highest negativity ratings

ID: 943

Review Rating: 5

Roberta Neg: 0.7661157250404358

Review Body: I am sad. I used to order the carne asada all of the time, either on the salad or the entree. My waitstaff recently indicated to me that it is not gluten free. Historically, however, I had asked at least a few times over the years if it was, and servers had always indicated it was. I don't know if this is actually a new thing or my previous servers told me incorrect information. So, beware, the carne asada is NOT gluten free, even if you've ordered it for years. Dietary restrictions: Carne asada is not gluten free. There are a handful of gluten free items, but that is not one of them.

ID: 1021

Review Rating: 4

Roberta Neg: 0.668793261051178

Review Body: Quality, an infrequent visitor unfortunately because of the little on

ID: 735

Review Rating: 4

Roberta Neg: 0.6622179746627808

Review Body: Good food, but doesn't match the price point, average servic

ID: 798

Review Rating: 4

Roberta Neg: 0.6555929780006409

Review Body: In all fairness, I know allot of people who absolutely love this place. As for myself, I feel its only decent at best. The inside of the restaurant does have a nice well polished, upscale feel, but that's where the fun stops for me. Long wait times, overpriced mediocre food and drinks, and poor service is what will prevent me from going back in the future. People can throw their money and time at this place, mine will be spent at another restaurant down the street.

ROBERTA VALUE VS RATING ANALYSIS

 Sorted Reviews 2 star or lower and by highest positivity ratings

ID: 239

Review Rating: 2

Roberta Pos: 0.5253500938415527

Review Body: Ordered the Chop Chop Salad and the Taco special from their Special Menu. The Salad was rather bland. Our server was nice to replace the ground beef with stake if she took away 2 sides that would normally accompany the special. It sounded too complicated but it was nice of her to accommodate the request. I also had a glass of their Red Sangria which was too sweet and did not taste any alcohol. You might want to sneak in your own Teguila like the college days.

ID: 644

Review Rating: 1

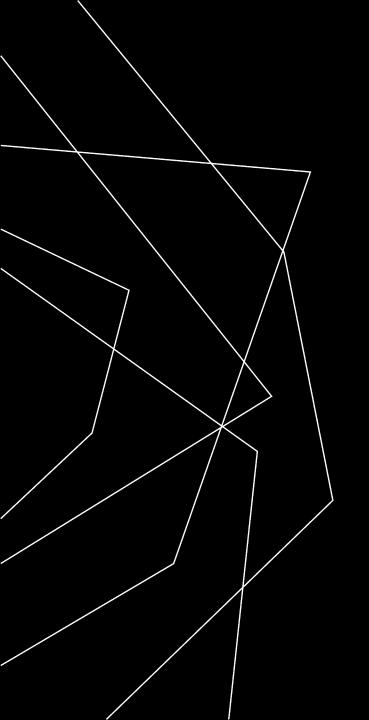
Roberta Pos: 0.29588231444358826

ID: 1550

Review Rating: 2

Roberta Pos: 0.2247304469347

Review Body: Food was really below expectations. We went there based on high ratings but really disappointed with food. The service and ambiance was good. There are some really good Mexican restaurant in the vicinity I will prefer them any day over Azul



THANK YOU

ANY QUESTIONS? CURIOSITIES? INQUIRIES?