Reviews Dataset for 'A Pizza restaurant

```
In [1]: !pip install requests
```

```
Requirement already satisfied: requests in c:\users\cate\anaconda3\lib\site-packa
ges (2.32.3)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\cate\anaconda
3\lib\site-packages (from requests) (3.3.2)
Requirement already satisfied: idna<4,>=2.5 in c:\users\cate\anaconda3\lib\site-p
ackages (from requests) (3.7)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\cate\anaconda3\lib
\site-packages (from requests) (2.2.3)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\cate\anaconda3\lib
\site-packages (from requests) (2024.8.30)
```

```
In [183… import requests
         import pandas as pd
```

```
In [185… api_key = 'AIzaSyDpnGR_nxQ3hQyrnrvNHsmOPkBEYaM6xmg'
```

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In [187… place_id = 'ChIJyYidmw1ZIkcRvels1i3CmzU'
```

```
In [189… def fetch_reviews(api_key, place_id):
             reviews = []
             url = f'https://maps.googleapis.com/maps/api/place/details/json?place_id={pl

             response = requests.get(url)
             data = response.json()

             # Extract reviews from the response
             if 'result' in data:
                 for review in data['result'].get('reviews', []):
                     # Convert Unix timestamp to readable format
                     readable_time = pd.to_datetime(review['time'], unit='s')
                     reviews.append({
                         'author_name': review['author_name'],
                         'rating': review['rating'],
                         'text': review['text'],
                         'time': readable_time
                     })

             return reviews

         # Fetch the reviews
         reviews = fetch_reviews(api_key, place_id)

         # Convert reviews to DataFrame
         reviews_df = pd.DataFrame(reviews)
```

```
In [191… print(reviews_df)
```

```
                        author_name  rating  \
0  Pedro Henrique Leitao de Souza         5
1      Marcella da Costa Rodrigues         5
2                    Daniel Kustra         5
3             Klaudia Nadziejewiec         5
4                  Monika Bielecka         5


                                               text                 time
0           Perfect Pizza! The true Italian style! 👌  2022-05-11 11:42:46
1                  The pizzas are incredible! ❤️  2023-09-10 18:46:32
2                                          Cudoo !  2019-11-17 14:00:35
3  A very atmospheric place with delicious pizza....  2024-08-05 17:25:49
4  What a shot at Italian flavors this Sunday! Ni...  2024-07-14 18:53:13
```

```python
reviews_df.to_csv('customer_reviews.csv', index=False)
```