

Microservices Flask API application:

- Hotel Sentiment Analyzer:

- Usage :

- for running the script and testing in terminal:

- download the `7282_1.csv` file and put it in the same folder of the script
 - Run `cd Hotel Sentiment Analyzer`
 - Run `pip install -r requirements.txt`
 - Run `python3 hotel_indexer_API.py`
 - Run `curl --location --request POST 'http://127.0.0.1:5000/?hotel_name=my hotel'`

- When you hit the endpoint it starts calculating the total normalized sentiment for the specific hotel that its name sent in the **args** under `hotel_name` key of the **post** request and returns the following body:

```
{"postive_sentement" :postive_probability(float),"negative_sentement":hotel_negative_probability(float)}
```

- If the hotel name is not exist in the dataset it will return `"The hotel is not exsist !"`
 - It may 2 seconds to respond with the result because of the sentiment calculation of each review in the