YELP REVIEWS USING NATURAL LANGUAGE PROCESSING

PROJECT PROPOSAL

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About Yelp

Yelp is a place where it helps users discover new places. Also, it provides reviews and recommendations of best Restaurants, Shopping, Nightlife, Food, Entertainment, Things to Do, Services and More.

Project Motivation

Through Natural Language Processing, this project will build a system that can detect the sentiment of cafe reviews and help Yelp find out which cafes have advantages and disadvantages, so they can make improvements. The project aims to provide similar cafes to your favorites through the development of a recommendation system.

Data used:

Yelp Coffee Reviews is a dataset provided by Kaggle. It consists of nearly 7,000 observations and 20 features, important features were selected such as the Review of the cafe, Cafe Name, Score of the cafe.

Tools

- Python
- Jupyter Notebook

Libraries

- Pandas
- Numpy
- Seaborn
- Gensim
- NLTK
- TextBlob
- Sklearn