

Capstone Project Submission

Instructions:

- i) Please fill in all the required information.
- ii) Avoid grammatical errors.

Team Member's Name, Email and Contribution:

Name: Sandhya Sah.
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Project Contribution:

- Data Exploration
- Exploratory Data Analysis
- Clustering (Kmeans, Agglomerative, DBScan)
- Topic Modelling using LDA
- Sentiment Analysis with BernoulliNB, Decision Tree, Logistic Regression, LinearSVC, K Nearest Neighbors

Please paste the GitHub Repo link.

Github Link:-
[SandhyaSah22/ZOMATO-RESTAURANT-CLUSTERING-AND-SENTIMENT-ANALYSIS \(github.com\)](https://github.com/SandhyaSah22/ZOMATO-RESTAURANT-CLUSTERING-AND-SENTIMENT-ANALYSIS)

Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)

Zomato is an Indian multinational restaurant aggregator and food delivery company founded by Deepinder Goyal, Pankaj Chaddah, and Gunjan Patidar in 2008. Zomato provides information, menus, and user reviews of restaurants as well as food delivery options from partner restaurants in select cities. Zomato had also made a name for itself for its prowess in digital marketing.

Like most other startups, India's pioneering food tech unicorn Zomato has seen many peaks and troughs in its journey. While there were some illustrious moments and accomplishments, there were troubled times too, some that even brought the very existence of the company into question. While Zomato competes with Swiggy, UberEats, and Ola-Foodpanda among others, the company continues to innovate offerings and expand in the manner it has been doing since the day it all started.

Food apps like Zomato provide a secular part where users can rate their experience of the visited restaurant or café. Zomato also provides columns for writing classified user reviews. Sharing on the internet is something we usually do. Giving a review is also a useful activity so that other people on the internet can find out something else and see opinions about things.

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basis of cost, ratings and cuisines served, will perform topic modelling on reviews and perform sentiment analysis on review data.