**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution:** |
| 1. Name: - Kanika Bhardwaj, Email ID: -[bhardwajk496@gmail.com](mailto:bhardwajk496@gmail.com) |
| **Please paste the Gather Repo link.** |
| GitHub Link:- https://github.com/KanikaBhardwaj1/NYC-taxi-trip-duration.git |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| Data science can be summarized into five steps: capture, maintain process, analyze, and communicate. Indian cuisine encompasses a wide range of regional and traditional dishes from across the Indian subcontinent. You may discover something distinctive to love in each state. Aside from traditional North and South Indian cuisine, food culture has been greatly influenced by and evolved around various cultures. It would be an understatement to say that Indians are foodies. In India, the restaurant industry is thriving, and people enjoy celebrating tiny milestones in their lives with nice food and a pleasant ambience. Zomato is a website that connects individuals with restaurants. Zomato is an Indian restaurant aggregator that offers information about restaurants, menus, and user ratings, as well as food delivery alternatives. They essentially receive orders on behalf of the restaurant and have the meal delivered to the customer. It is critical for Zomato to examine its datasets and make suitable strategic decisions in order to ensure its success.  The problem statement here requires us to group the restaurants in order to assist customers in finding the top restaurants in their city based on their preferences and budgetary resources. This will aid Zomato in developing a strong recommendation system and a user-friendly platform for its users. Zomato will be able to separate out the restaurants that need to be upgraded for the business to be successful utilizing a cost-benefit analysis based on the cuisines and costs of the restaurants.  Sentiment analysis is vital for understanding fields that are underperforming and need to be improved by getting a sense of how people really feel about a particular restaurant. To find industry critics and, in particular, to work on their reviews in order to establish a laudable reputation. |