Data Collection and Preprocessing Phase

Project Title	Restaurant Recommendation System
Maximum Marks	2 Marks

Data Collection Plan

Section	Description
Project Overview	This project focuses on building a restaurant recommendation system designed to help users discover dining options tailored to their preferences, location, and other key factors. By evaluating user preferences, restaurant ratings, and geographical data, the system will generate personalized suggestions to improve the overall dining experience.
Data Collection Plan	The dataset utilized for this initiative was acquired from Kaggle and comprises comprehensive details on more than 9,000 restaurants in Bangalore. It includes features such as restaurant names, locations, cuisine types, ratings, and price ranges. This publicly accessible dataset was selected to facilitate analytical and predictive modeling tasks centered on restaurant ratings and user preferences.
Raw Data Sources Identified	The primary dataset for this project was sourced from the Kaggle repository titled *"Zomato Bangalore Restaurants"*, curated by Himanshu Poddar. The dataset is openly available at the provided URL (https://www.kaggle.com/datasets/himanshupoddar/zomato-bangalorerestaurants) and contains essential restaurant attributes like names, locations, cuisines, average pricing, online delivery options, and customer ratings.

Raw Data Sources

Source Name	Description	Location/URL	Format	Size	Access Permissions
SmartInterz Provided Dataset	Contains restaurantspecific details such as name, location, cuisine types, ratings, and pricing.	Data-Set zomatobangalorerestaurants	CSV	~ 93MB	Public