

PROJECT DESIGN PHASE PART 1

Date	03 October 2022
Team ID	NM2023TMID09402
Project Name	Project – Indian Food EDA

PROPOSED SOLUTION:

PRIORITIES	DESCRIPTION
Novelty	The proposed solution brings novelty through its dedicated focus on conducting an in-depth Exploratory Data Analysis (EDA) on Indian food. While numerous datasets exist, a comprehensive EDA tailored specifically to Indian cuisine is a unique and novel approach. This project aims to unveil hidden insights and patterns in the rich tapestry of Indian culinary data.
Feasibility	The feasibility of the idea is grounded in the availability of diverse datasets related to Indian food. With the increasing popularity of online recipe platforms, food blogs, and culinary databases, access to relevant data is attainable. Moreover, the well-established frameworks for data cleaning, preprocessing, and analysis make the implementation of the proposed solution feasible.
Business Model	The project's business model revolves around leveraging the insights generated from the EDA for various stakeholders. Potential revenue streams include offering curated reports and analysis to culinary businesses, collaborating with food researchers, and providing a platform for enthusiasts to explore and understand Indian cuisine better.
Social Impact	The social impact of the proposed solution is significant, contributing to a broader understanding of Indian culinary heritage. It promotes cultural appreciation, encourages the preservation of regional culinary traditions, and provides valuable insights for nutritional education. Additionally, the project fosters a sense of community among food enthusiasts and researchers.
Scalability	The solution is designed with scalability in mind, allowing for the exploration of additional datasets, regional cuisines, and diverse culinary aspects. The modular approach to data analysis and visualization ensures that the framework can be

PRIORITIES	DESCRIPTION
	extended to accommodate evolving datasets and growing interest in exploring various dimensions of Indian food.

SOLUTION ARCHITECTURE

