

PROJECT CHARTER**PROJECT NAME****PROJECT MANAGER**

EDA: A WebApp for Efficient Exploratory Data Analysis

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EXPECTED START DATE**EXPECTED COMPLETION DATE**

10/01/2024

12/23/2024

PROJECT OVERVIEW**PROBLEM OR ISSUE**

The aim is to provide an interactive and efficient way to explore, analyze, finding hidden pattern and visualize large data.

PURPOSE OF PROJECT

The main purpose of this web application is to provide the interactive platform for performing Exploratory Data Analysis(EDA) within less amount of time. This application allows user to upload the CSV file for analysis, summarize, visualization the data with statistical computation without coding skills

BUSINESS CASE

This web application plays crucial role for organizations, especially IT industries. EDA: WebApp allows organization for their business collaboration for handling the larger data for finding the hidden patterns and future predictions.

GOALS / METRICS

Our main goal is to provide the facilities to the organization for saving their time and money. Many of the organization is already using this web application for saving their time, money, less people team for analyzing the data

EXPECTED DELIVERABLES

This web application is available for deliverable as per the need of organization within a day

S.NO	MILESTONE	START	FINISH
Milestone 1	Planning and requirement Gathering	10/01/2024	10/24/2024
Milestone 2	Design and Development	10/25/2024	11/21/2024
Milestone 3	Testing and Debugging	11/22/2024	12/11/2024
Milestone 4	Deployment and Maintenance	12/12/2024	12/17/2024
Milestone 5	Application monitoring and maintenance	12/18/2024	12/23/2024

PROJECT SCOPE	
WITHIN SCOPE	This Web Application will support data uploading (CSV format), basic statistical methodologies, data exploration (summarizing, visualizing), simple feature engineering and downloadable graphs as .png format and analysis data set file as .csv format as well.
OUTSIDE OF SCOPE	Advanced statistical components, handling missing records, performing data cleaning analysis at large data set.

RISKS, CONSTRAINTS, AND ASSUMPTIONS	
RISKS	Uploading Larger datasets may slow down the app or the web application may crash
CONSTRAINTS	We have limited file uploading size like 200MB. If the file has larger data set then it won't be able to upload on this application. And, only CSV format file can be uploaded
ASSUMPTIONS	User's or Organization primarily upload structured data like (CSV) for analysis, for better performance, the internet speed be stable

APPROVED BY	DESIGNATION	DATE
Dr. Nitin Uikey	Professor	12/30/2024