

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND RESEARCH
CS453: SOFTWARE PROJECT MAJOR

PROJECT SYNOPSIS

Project Title	DATA SCIENCE & MANAGEMENT PROJECT-COLLAB-TEAM-003,001
Project Goal	The major goal is to explore and learn various techniques, tools and methods of Data Science and Machine Learning in order to understand how the technological concepts of data science and machine learning works. Another goal is to learn and practice the leadership skills and to gain in experience in CRM.
Objectives	<ol style="list-style-type: none">1. Basic training to be taken in order to understand the business problem with ease2. A mini-project replicating the real-world scenario to test the training knowledge3. Data pre-processing and EDA for the provided data.4. Discussion with the team members for the further approach.5. Timely and accurate delivery of the patches given to work on6. To attend the daily sprints and to be interactive in the meetings.
Project description	The text analytics classification is a subpart of text analyzer where text will be analyzed and classified in the apt category. Course recommendation system will be a platform where students will be able to get recommendation of the courses on the basis of certain criteria. Car acceptability will be a platform to asses the car based on certain provided parameters and to estimate the resale value of it.
Software specification	MS EXCEL, GOOGLE SHEETS, TABLEAU, MYSQL, PYTHON, GOOGLE COLAB,GIT, ML, DATA SCIENCE
Hardware specification	NA
Problems to be addressed	The quality of Data provided, integration of data from different sources, finding the optimal insights, accurate chart selection, optimization of algorthims.
Expected outcome	Expected outcome will be the platforms fuelled by optmised ML algorithms and necessary data science procedure followed to reach to the expected level of the client.

	NOTE: Not allowed to share the client details.
Duration	Approx. 4 months
Team Size	6
Team Members (Name)	Parth Patel (Not allowed to reveal the names of team members)
Division of responsibility	DISCUSSIONS UNDERWAY

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**Sign and approved by
(Faculty Coordinator):**