C H A R U S A T

DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND RESEARCH
PROJECT SYNOPSIS

Date: 24 / 12 /2022

CS453: SOFTWARE PROJECT MAJOR

Project Title:	DATA SCIENCE & MANAGEMENT PROJECT-COLLAB-TEAM-003,001
Alternate Title (If required)	1. Individual project as part of training and skills enhancement : Text Analytics and classification 2. Text Analyzer 3. Course Recommendation System 4. Car Acceptability Predictor 5. CRM Assistance
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	1. Basic training to be taken in order to understand the business problem with ease 2. A mini-project replicating the real-world scenario to test the training knowledge 3. 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 on 6. To attend the daily sprints and to be interactive in the meetings.
Project Brief description (Must not Exceed five lines. Include only technical words)	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.
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.
Project Category:	Data Science and Analytics, Machine Learning, Management
Rate Project yourself	(Give rating of your project out of 5 point- 1 means Very Poor and 5 means Very Good) ___5___ Why?: The combination of all the projects covers all the ingredients necessary to cook up the fundamentals of Data Science and Machine Learning.

Development Environment	Software Specification: TO BE PROVIDED BY THE ORGANIZATION Hardware Specification: TO BE PROVIDED BY THE ORGANIZATION Are all the Team Members using same Specification: **YES/NO**. YES How will you integrate your work: (Give Description) TO BE PROVIDED BY THE ORGANIZATION			
Execution/Hosting Environment	Software Specification: TO BE PROVIDED BY THE ORGANIZATION Hardware Specification: TO BE PROVIDED BY THE ORGANIZATION Are you planning to host project which you are going to develop? **YES/NO** YES, with approval of the company			
Statistics	Time Duration: ___4___ Months			
	Team Size: _____6_____ Engineers			
	Division of Responsibility among Team Members			
	19DCS098	NA	NA	NA
	Discussions underway			
Sign of Student				