

UNIVERSITY OF SARGODHA
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Capstone Project 2019-20

BSCS 7th Regular

Machine Learning on Rescue Data

PROJECT IMPLEMENTATION PLAN

Sr.	Milestone Detail	Outcome	Project %	Roll #	Member's Contribution	Learning Outcome	Viva
1	Explore the data by tackling data mining questions and check quality of data	We will sure about the quality of data.	5%	BSCSF16M18		We will learn how to tackle data mining question and	
				BSCSF16M43		Check the quality of data.	
2	Remove unwanted observations(duplicate or irrelevant)	Data will clear from duplication and irrelevant element.	10%	BSCSF16M18		We will learn how to remove unwanted Observation and duplication of irrelevant data.	
				BSCSF16M43			
3	Remove structural errors	Data does not contain any structural error.	15%	BSCSF16M18		We will learn how to remove structural errors.	
				BSCSF16M43			
4	Handle missing data (dropping/imputing)	Data will be completed not contain any missing value.	20%	BSCSF16M18		We learn how to handle missing data and how will be completed the data.	
				BSCSF16M43			
5				BSCSF16M18		We will learn how to	

Team

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	Identification of invariant representations	We will identified the invariant representations.	25%			identified the invariant representations.	
				BSCSF16M43			
6	Remove unwanted outliers	Data will be free of outliers values	30%	BSCSF16M18			
				BSCSF16M43			
						We will learn how to remove unwanted outliers	
7	Dimension reduction	We will discover most relevant attributes.	35%	BSCSF16M18		We will learn how to discover most relevant attributes in the data	
				BSCSF16M43			
8	Determine Data Mining Task	We will clear about our data mining task.	40%	BSCSF16M18		We will learn how to determine data mining task .	
				BSCSF16M43			
9	Choose methods	we will know results of different methods	45%	BSCSF16M18		We will learn about the different method and how to choose the method.	
				BSCSF16M43			
10	Apply methods	We will apply selected method.	50%	BSCSF16M18		We will learn how to apply the selected method .	
				BSCSF16M43			

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11	Select Final model	Final model will be available.	60%	BSCSF16M18		We will learn how to select final model that will appropriate for our project.	
				BSCSF16M43			
12	Summaries and visualization	More deep details of outcome of model will be available	65%	BSCSF16M18		We will learn more deep details of outcomes and model.	
				BSCSF16M43			
13	Evaluate performance	We will evaluate the performance of our work	75%	BSCSF16M18		We will learn how to evaluate the performance of any project	
				BSCSF16M43			
14	Develop Application program interface of selected model	Application will be developed of the selected model	85%	BSCSF16M18		We will learn how to developed the application program interface of selected model.	
				BSCSF16M43			
15	Developing a web application for prediction by using	Front end of application will be completed	90%	BSCSF16M18		We will learn how to developed the web application for the prediction by using new datasets	

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	new datasets (UI coding)						
				BSCSF16M43			
16	Embedding the selected model through Application program interface to make application functional	Full functional application will be available	100%	BSCSF16M18 BSCSF16M043		We will learn how to embedded the selected model through application program interface to make application functional	

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