

CSP 571 Project Proposal

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SUBPROJECT		DUE DATE	ASSIGNED TO
Project Envisioning	Project Group & Topic Form	12-02-23	Ramesh, Sai Ram
	Project Proposal & Outline	26-02-23	Bazzi
	Project Plan & Detail	26-03-23	Ramesh
Data Selection	Define Require Features	12-03-23	Ramesh, Bazzi
Data Gathering	FAO Datasets	18-03-23	All
Data Preparation	Description of Data	20-03-23	All
	Check the required parameters	23-03-23	Bazzi
	Check for feature corelations	27-03-23	Sai Ram
Data Processing	Selecting most relevant data	29-03-23	Ramesh, Bazzi
	Convert all unknown values to "NA"	01-04-23	Ramesh
	Normalizing Data	02-04-23	Bazzi, Sai Ram
Data Transformation	Handle erroneous data entries "Optional"	02-04-23	Ramesh

	Identify the features with the most missing values	05-04-23	Bazzi, Sai Ram
	Peform Distribution for Features	08-04-23	Sai Ram
	Identify Outliers	09-04-23	Bazzi, Sai Ram
Data Modeling			
	Training/Testing Set Split	12-04-23	Ramesh
	Fit a regression to predict	16-04-23	Bazzi, Sai Ram
	Use mixed selection to eliminate weak valued features for regression model	16-04-23	Sai Ram
	Decide similarity measure to be used	17-04-23	Sai Ram
	Generate Colleration Matrix	18-04-23	Bazzi, Ramesh
	PCA For Feature And Dimensionality Reduction	18-04-23	Ramesh
	Develop Interactive graphs to describe the data	22-04-23	Ramesh
Model Validation			
	K-fold for validation	21-04-23	Sai Ram
Documentation			
	Project Report Document with insights and Conclusions	25-04-23	All
Project Presentation			
	Project Report and Presentation	20-04-23	All