

CSP-571 Project Plan and Detail

Project Team Members:

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TASK NAME	DUE DATE	ASSIGNED TO
Data Gathering		
Kaggle Dataset: IEEE-CIS Fraud Detection	2022/5/29	Baoshu Feng
Data Preparation		
Description of data	2022/6/12	Baoshu Feng
Importing the data	2022/6/12	Baoshu Feng
Checked missing values and duplicate entries	2022/6/12	Baoshu Feng
Data Exploration / Visualization		
Create feature correlation matrix	2022/6/19	Baoshu Feng
Create charts for data distribution	2022/6/19	Baoshu Feng
Visualize the Day v Proportion of Private	2022/6/19	Baoshu Feng
Visualize the Proportion of Fraud for all sample	2022/6/19	Baoshu Feng
Create charts for fraud account	2022/6/26	Baoshu Feng
Create graph for distribution for different features	2022/6/26	Baoshu Feng
Model Building		
Define train and test set	2022/7/3	Baoshu Feng
Test the performance for the candidate model in sample binary problem	2022/7/3	Baoshu Feng
Model Deployment		
Deploy Lightgbm	2022/7/10	Baoshu Feng
Deploy XGboost	2022/7/10	Baoshu Feng
Deploy RandomForest	2022/7/17	Baoshu Feng
Deploy Multilayer Perceptron	2022/7/24	Baoshu Feng
Model Evaluation		

Define the model validation matrix	2022/7/24	Baoshu Feng
Create validation matrix with Accuracy, Recall, Precision, F1-Score	2022/7/24	Baoshu Feng
Documentation & Presentation		
Finish the report	2022/7/31	Baoshu Feng
Finish the presentation	2022/7/31	Baoshu Feng