

First Report

link: https://github.com/USF-ML2/project-group6_zixi_anni

Responsibilities:

Zixi Luo:

- Wrote the notebook, includes the following part:

Load data

explore the dataset

Try bagging and RandomForestClassifier

Try xgboost

Hyperparameter Tuning with RandomForestClassifier and XGboost

Run cross validation manually

Load the test dataset

Predict test dataset

Compare current result with last result

- Submitted results to Kaggle
- Wrote the Repo

Anni Liu:

Load data

explore the dataset

Try mean encoding and RandomForestClassifier

Try adaboost

Hyperparameter Tuning with RandomForestClassifier and adaboost

Run cross validation manually


































Load the test dataset

Predict test dataset

Compare current result with last result

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17	ZaP!	 	0.73529	5	4h
18	YOTO	 	0.73529	7	4h
19	Kaggle Novice	 	0.73529	4	2h
20	Boosted weak learners	 	0.73406	4	3h
21	testtest=0		0.73284	1	1d
22	I code, ergo sum	 	0.73039	6	4h
23	America's Next Top Model	 	0.72916	6	1d
24	Méta	 	0.72794	3	8h
25	Naive_32	 	0.72794	3	4h
26	xgboost	 	0.72671	1	2d
27	Group14	 	0.71446	3	3h
28	Wonseok_Aneri	 	0.71323	3	2d
29	eriko_and_rahul	 	0.71323	2	4h
30	boost_me_up_scotty	 	0.71200	2	6h
31	Binary Beasts	 	0.70955	5	11h
32	pip-engineer	 	0.70710	4	19m
33	supportOrFeed	 	0.70588	2	4h

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