

BE 7910

Assignment 4

Selected features: ['Pclass', 'Sex', 'Age', 'Parch', 'SibSp', 'Fare', 'Embarked']

Parch and SibSp were combined (added) to create a new feature class called “FamilySize”.


So, the features taken finally for the model: ['Pclass', 'Sex', 'Age', 'FamilySize', 'Fare', 'Embarked']

Model used: RandomForestClassifier (with Hyperparameter tuning though GridSearchCV)

```
Best Hyperparameters: {'max_depth': 15, 'min_samples_split': 5, 'n_estimators': 100}
Best Score: 0.8282844768062269
```

9297


Ishmam Shahid



0.77511

4

20s



Your Best Entry!

Your most recent submission scored 0.77511, which is an improvement of your previous score of 0.76315. Great job!

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