UDACITY

PROJECT

Titanic Survival Exploration

A part of the Machine Learning Engineer Nanodegree Program

PROJECT REVIEW

NOTES

SHARE YOUR ACCOMPLISHMENT!

Meets Specifications

Answers to Each Question

✓

The `predictions_0` function has been run and the accuracy of the predictions is reported.

✓

The `predictions_1` function has been correctly implemented. The expected accuracy of the predictions is reported.

✓

The `predictions_2` function has been correctly implemented. The expected accuracy of the predictions is reported.

You could further simplify the code implementation here as :

```
        if passenger["Sex"]=="female" or passenger["Age"] < 10:
            predictions.append(1)
        else:
                predictions.append(0)
```

✓

The `predictions_3` function has been correctly implemented and obtains a prediction accuracy of at least 80%. The approach to the task has been documented, including features that were explored and intermediate steps taken to complete the function.

You may consider to look at other features to further enhance the model prediction accuracy:

```
survival_stats(data, outcomes, 'Fare', ["Sex == 'female'"])
survival_stats(data, outcomes, 'Embarked', ["Sex == 'female'"])
survival_stats(data, outcomes, 'SibSp', ["Age < 10"])
survival_stats(data, outcomes, 'Parch', ["Sex == 'female'"])
```

Moreover, please look at the following code block for the logic that you could apply for the female passengers:

```
          if (passenger['Embarked'] == "S" and passenger['Pclass'] == 3):
               predictions.append(0)
           else:
               predictions.append(1)
```

✓

A valid scenario where supervised learning can be applied is reported. A clear outcome variable and at least two potential predictor variables are identified as part of the description.

DOWNLOAD PROJECT

RETURN TO PATH

Student FAQ