



TO PASS 80% or higher



GRADE 100%

Test Your Project Understanding

LATEST SUBMISSION GRADE

100% 1. Azure Machine Learning Studio experiments require no sign-in. They can be run using guest accounts. True False Correct Correct! In the reading for this hands-on project, you were guided with instructions on how to set up your Azure Machine Learning account with \$200 worth of free credit to get started with running your experiments! 2. We used the Adult Census Income dataset to predict whether a household's income exceeds \$50000 per year based on census data. How did we import the dataset into the blank experiment? We retrieved the datasets from remote URLs and imported it as modules. We created new Azure ML datasets by uploading a local .csv file containing the data We used a sample dataset from Azure ML Studio Correct! You navigated to the Saved Datasets section and selected the Adult Census Income Data from the Samples. Experiment created on 2/19/2020 ▲ Saved Datasets My Datasets Adult Census Income Binary ... Adult Census Income ... Airport Codes Dataset Bike Rental UCI dataset

3. What class of machine problems does the following example belong to?

Bill Gates RGB Image

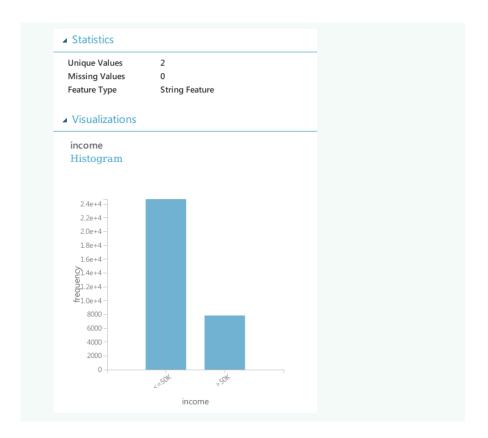
1 / 1 point

You want to predict whether annual household income is greater than or lesser than \$50000/year. The target is binary variable.

Regression

Clustering





4. There are a lot of missing values in the Adult Census Income dataset. How did we deal with the missing values?

1 / 1 point

We used the Clean Missing Data Module to substitute all missing values with 0.



We wrote a custom Python script to perform mean imputation, where missing values were replaced by the mean value of its corresponding column.



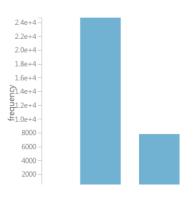


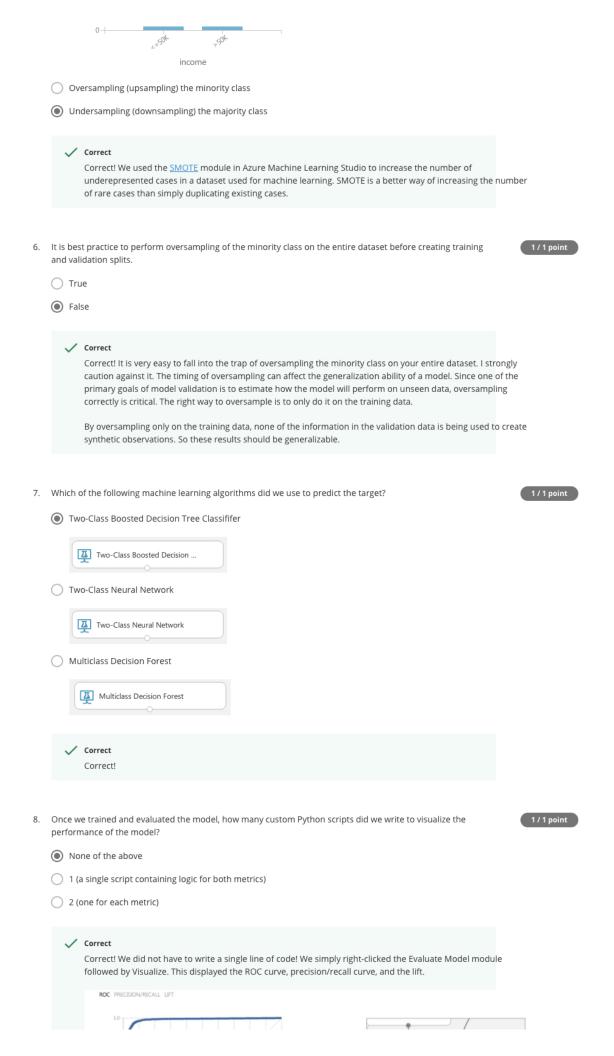
5. The Adult Census Income dataset has a class imbalance problem. How did we overcome this challenge?

1/1 point

Visualizations

income Histogram



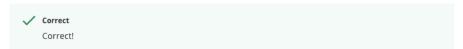




Once you have trained and scored your model, you are now ready to create a web service from an Azure
Machine Learning prediction model. When the experiment run completes successfully, you will be guided to
create a Scoring or Prediction Experiment. What steps are involved in preparation for deployment? (Select all
that apply)

1/1 point

Remove one of the models



✓ Convert the *training experiment* you've created into a *predictive experiment*



Correct! The prediction experiment will automatically be created for you with a click. In the prediction experiment, the learner will be replaced with a trained model that has been automatically saved for you from your training experiment.

Deploy the predictive experiment as a web service

✓ Correct

Correct! Once your scoring experiment runs successfully, you will be guided to publish your trained model as a web service.

Set up a web server to receive test data for inference