Experiment Shell / Hardcoded Classifier

BYU IDAHO | CS 450

Instructions

Complete the assignment, then answer these questions and submit this form to I-Learn.

Name:

1. Please provide the URL of your public GitHub repository.

2.   My experiment shell can correctly load the Iris dataset:

3.   My experiment shell randomizes the order of the instances (making sure to keep instances lined up with their appropriate targets) it and splits the data into a training set (70%) and a test set (30%)?

4.   I have created a HardCoded classifier class with two methods: train and predict. The train method accepts training data (including targets). The predict method returns a prediction or classification for each instance it receives.

5.   The Experiment Shell, processes the data, passes the training data to the classifier's train method, the test data to the predict method, and then compares the predicted values against the correct answers, to produce an overall accuracy (on the test set).

6.   I have run the HardCoded classifier on the Iris dataset and obtained a result.

7. What accuracy do you get when running the HardCoded classifier on the Iris dataset and why do you think that is?

8. Please select the category you feel best describes your assignment:

9. Provide a brief justification (1-2 sentences) for selecting that category: