



Lab Evaluating the Pipeline

Summary

In this lab you will:

- Observe different evaluation measures for the AutoAI-generated pipelines

Refer to the demo videos from this lesson for a step-by-step demonstration of how to complete the lab.

Instructions

1. Examine performance metrics for the [banknote_auth](#) experiment
 - a. Return to the AutoAI experiment with the [Pipeline leaderboard](#)
 - b. Observe how the pipelines are ranked by [Accuracy](#)
 - c. Use the toggle button at the top right to select [Holdout](#) instead of [Cross validation](#). Observe how this changes the ranking of the pipelines.
 - d. Change the option in the [Rank by](#) dropdown menu next to the Holdout/Cross validation option to [F1](#) instead of Accuracy. Observe how this changes the ranking of the pipelines for both [Holdout](#) and [Cross validation](#).
 - e. Click on the [Pipeline comparison](#) option and view it for both [Holdout](#) and [Cross validation](#) options to compare metrics across pipelines
 - f. Select a pipeline for which you would like to deploy the model
 - g. Click this pipeline to show more details about [Model Evaluation](#). View the [ROC Curve](#) and [Model Evaluation Measures](#) table.
 - h. View the [Confusion Matrix](#) and [Precision Recall Curve](#) by clicking on the left menu bar options.
2. Optional: Examine the performance metrics for the [parkinsons_updrs](#) experiment using the above instructions