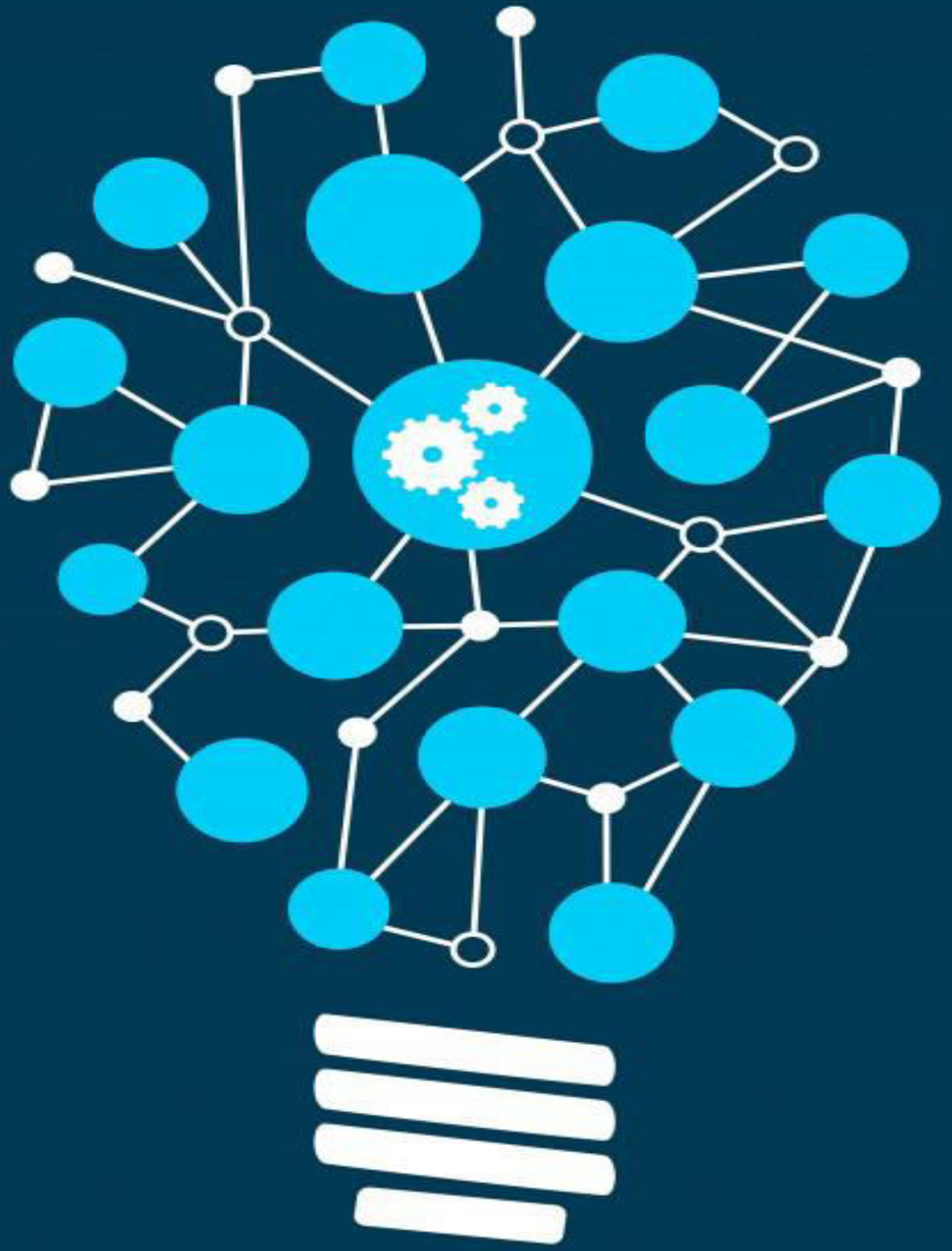
LAB 2

Customize Azure ML Experiment



Microsoft

EXECUTE PYTHON SCRIPT

Execute Python script to convert IRIS dataset into two-class dataset (Iris-setosa, Iris-virginica).

Use this script as a filter after importing IRIS dataset to perform binary classification.

EXECUTE PYTHON SCRIPT

Cross Validation module displays the results by each fold.

Write a Python Script to aggregate all the folds in Azure ML studio.

view as

Fold Number	Number of examples in fold	Model	Average Log Loss for Class "Iris-setosa"	Precision for Class "Iris-setosa"	Recall for Class "Iris-setosa"	Average Log Loss for Class "Iris-versicolor"	Precision for Class "Iris-versicolor"
0	15	Multi-class Logistic Regression	0.293293	0.75	1	0.764423	0.6
1	15	Multi-class Logistic Regression	0.273447	1	1	0.820894	1
2	15	Multi-class Logistic Regression	0.300709	1	1	0.843863	1
3	15	Multi-class Logistic Regression	0.260412	1	1	0.883724	1

Microsoft