Getting to Know
Azure Machine Learning

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Module Overview

Getting Access to Azure ML

Hands-on with Azure ML Studio
- Understanding the interface
- Creating an Experiment
- Evaluating the results

Azure Machine Learning Account Options

Azure Machine Learning Trial

– Easy

– Limited to Azure ML features

– Free

Add Machine Learning to Azure Account

– Full Azure Integration

– Normal Azure Fees

– Azure has one month trial

Demo

Azure Machine Learning Trial

https://studio.azureml.net/Home

Demo

Adding Machine Learning to Your Azure Account

Requires Azure Account

- https://azure.microsoft.com/en-us/free
- Account with 1 month $200 credit

Go to Azure portal

- http://portal.azure.com
- Intelligence -> Machine Learning

Azure ML Account Options

Azure Machine Learning Trial

No prior Azure account required

Automatic ML Workspace setup

Limited Access to only Machine Learning (Experiments and Services)

Trial account only

Free

Trial usage

Retraining not supported (Maintenance Module)

Add Machine Learning to Azure

Requires existing Azure account

Manual ML Workspace setup

Access to all Azure resources (SQL, Web Services mgmt, etc.)

Permanent account, 1st month free

Payment method required

Production usage

Required to retrain model (Maintenance Module)

Azure ML Studio

IDE for Machine Learning

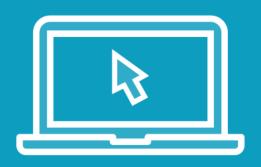**Supports all phases of solution development and deployment**

Drag and Drop

No programming required
- But R and Python supported

Accessed via
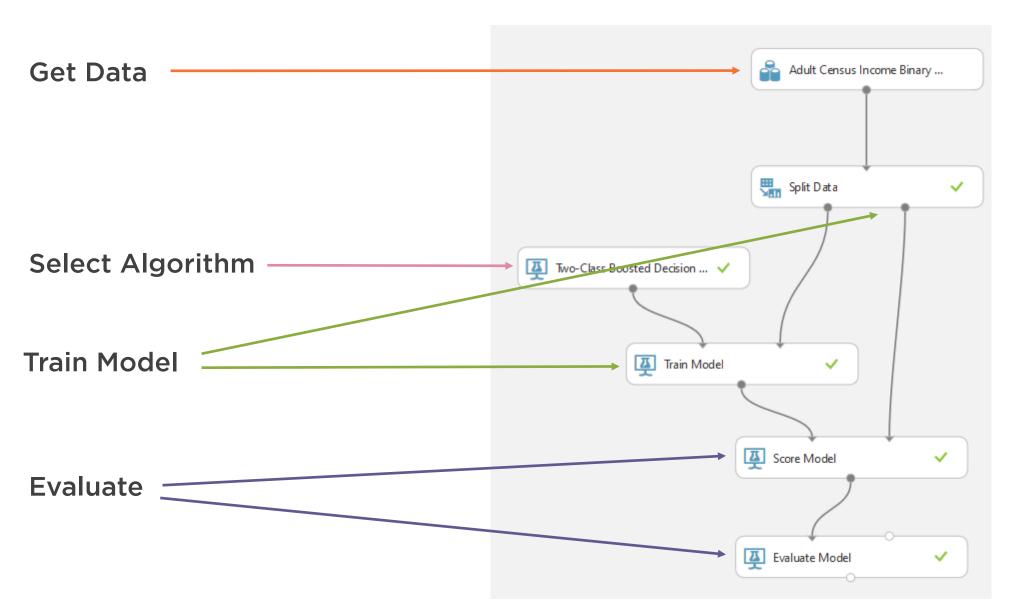- http://studio.azureml.net/
- From Machine Learning in Azure Portal

Demo

Azure ML Studio UI

Demo

Creating Experiments

Summary

Reviewed options for getting access to Azure ML

- Azure ML Trial account
- Adding ML to existing account

Used Azure ML Studio

Created first Azure ML experiment

- Automobile Price prediction