Advanced Azure Databricks Workshop

Step 0. Challenge Setup Guide

Overview

This Workshop includes Challenges that augment the Intro to Azure Databricks Workshop content

What You'll Need

To complete the Challenges, you will need the following:

- A web browser
- A Microsoft account
- A Microsoft Azure subscription
- A Microsoft Windows, Linux, or Apple Mac OS X computer

Creating a Free Trial Azure Subscription

If you already have a Microsoft Azure subscription, you can skip this section.

If you do not have an Azure subscription, you can create a free 30-day trial subscription, which includes enough free credit in your local currency to complete the Challenges. You will need to provide a valid credit card number for verification, but you will not be charged for Azure services – for more information, see the frequently asked questions in the Azure sign-up page.

1. If you already have a Microsoft account that has not already been used to sign up for a free Azure trial subscription, you're ready to get started. If not, don't worry, just create a new Microsoft account at https://signup.live.com.
2. After you've created a Microsoft account, browse to https://azure.microsoft.com/en-us/free and follow the instructions to sign up for a free trial subscription to Microsoft Azure. You'll need to sign-in with your Microsoft account if you're not already signed in. Then you'll need to:
   a. Enter your cellphone number and have Microsoft send you a text message to verify your identity.
   b. Enter the code you have been sent to verify it.

Install Azure Storage Explorer

You will be working with Azure blob storage in this Workshop. You can use any Azure storage client to upload and download files to Azure. If you do not already have an Azure storage client installed, you can install Azure Storage Explorer, which is available for Windows, Mac OSX, and Linux.

1. Browse to http://storageexplorer.com/ and follow the instructions to download and install the latest version of Azure Storage Explorer for your operating system (Windows, Mac OSX, or Linux).

Note: We recommend using Azure Storage Explorer to transfer files between your local computer and Azure Blob Storage. It provides an intuitive, easy-to-use interface and works on Windows, Mac OS X, and Linux.

The Challenge files have been included below— the files include data files and Jupyter notebooks are located in labs_319.zip.

1. Challenge files can be found here: https://github.com/annedroid/Ready2019_AA_AI319/blob/master/DatabricksMLAdvanced.zip and extract them to a folder on your computer.