Processing Big Data with Azure Data Lake

Setup Guide

Overview

This course describes how to implement big data solutions using Microsoft Azure Data Lake.

What You'll Need

- A Microsoft account
- A Microsoft Azure subscription
- A Microsoft Windows, Apple Macintosh, or Linux computer

Create an Azure Subscription

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

If you have never had an Azure subscription, you can create a 30-day free trial subscription, which includes enough free credit in your local currency to complete the labs. 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.

If you have previously had a free trial subscription that has now expired, you will <u>not</u> be able to sign up for a second free trial. In this case, you must sign up for a pay-as-you-go subscription. The lab instructions in this course are designed to minimize the cost of the Azure resources required to complete the hands-on exercises.

To set up a free trial subscription:

1. If you already have a Microsoft account that has <u>not</u> 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 click the **Free Trial** link. Then 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.

c. Provide valid payment details – don't worry, your credit card won't be charged for any services you use during the trial period, and the account is automatically deactivated at the end of the trial period unless you explicitly decide to keep it active.

Install the Lab Files

To complete the labs in this course, you will need to download and extract the lab files from the course GitHub repository.

1. Download the lab files zip archive from https://github.com/MicrosoftLearning/Azure-Data-Lake/raw/master/Labs/ADL-Labs.zip.
2. Extract the lab files to a folder on your computer.