# **Lab 1 – Option 1: Setting up Azure Databricks Workspace & Cluster**

## **Exercise 1 – Setup Azure Databricks Workspace**

1. Go to Azure portal (portal.azure.com).
2. In the search bar, search for Azure Databricks. And select it.
3. Click on **Create**.
4. Fill up the properties to create account
   1. [Basics Tab]
      1. Subscription: Select your subscription
      2. Resource group: Click **Create new**, provide a name (example – OReilly), and click Ok
      3. Workspace name: Provide a unique name
      4. Region: Select region of your choice (example – East US 2)
      5. Pricing tier: Premium
      6. Click **Review + Create**.

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* 1. Click **Create**.
* This will take a few minutes to deploy.

## **Exercise 2 – Launch Databricks Workspace & Create Cluster**

1. Open Azure Databricks instance created in the previous step.
2. Click on Launch workspace, to open Databricks UI.

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1. In the workspace, from left pane, go to **Compute** tab.

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1. Under **All-purpose compute**, Click on **Create Compute** to create a cluster.
2. Fill up cluster properties and click on **Create**. This will take few minutes to setup a single node cluster.
   1. Compute name: Demo Cluster
   2. Databricks Runtime: Select the latest runtime with LTS (long-term support).
   3. Photon acceleration: Disable
   4. Node type: Standard\_DS3\_v2 (if this type is not available, select any other)
   5. Single node: Enable
   6. Terminate minutes: 30 minutes

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*[Note]: If you want to setup multi-node cluster, deselect single node option from UI.*

1. Once cluster is ready, it will show up as **running** in the list of clusters.

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