

O'Reilly – Databricks Fundamentals Bootcamp

by Mohit Batra

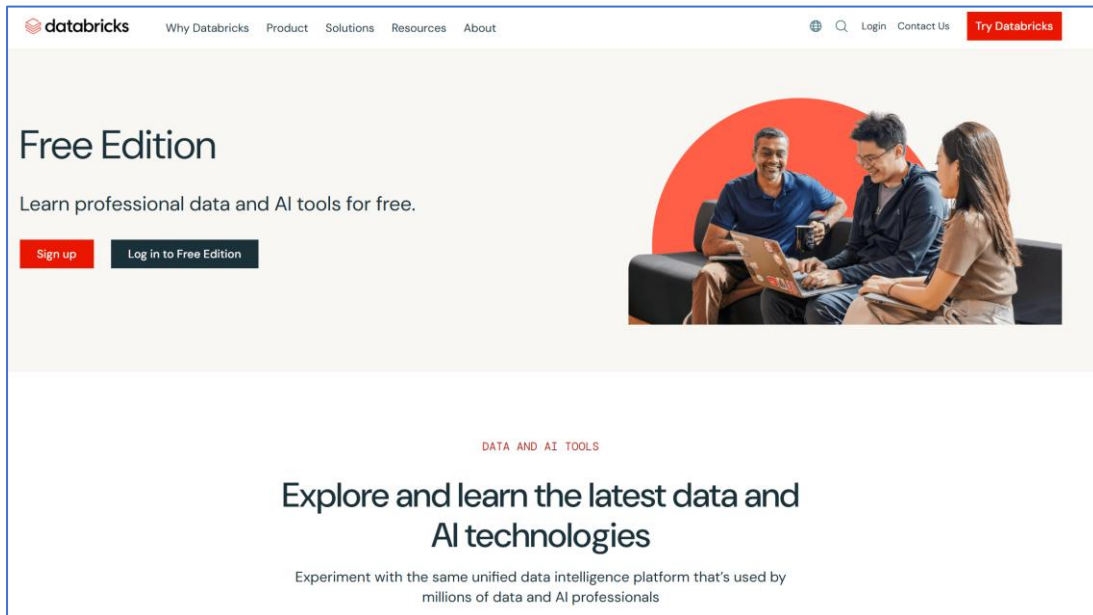
Lab 1 – Option 2: Sign up for Databricks Free Edition

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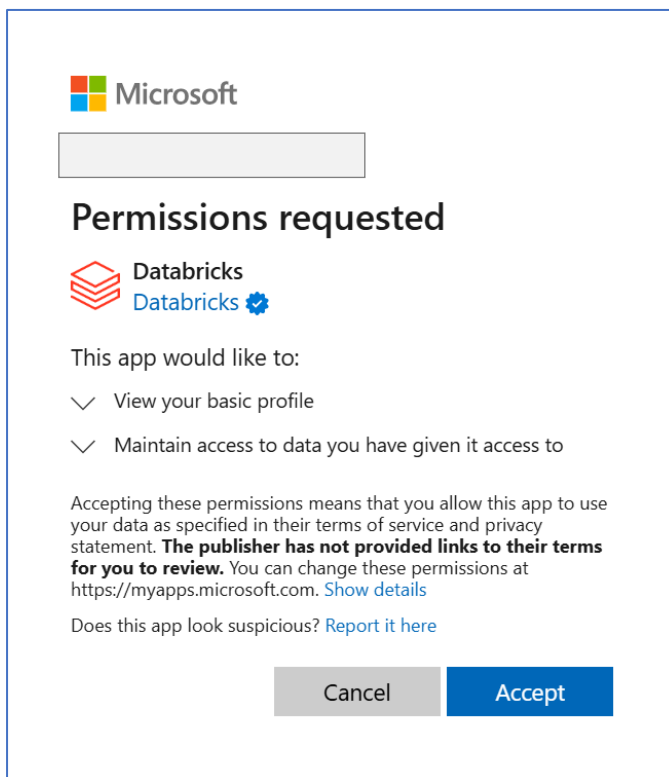
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Exercise 1 – Signup for Databricks Free Edition

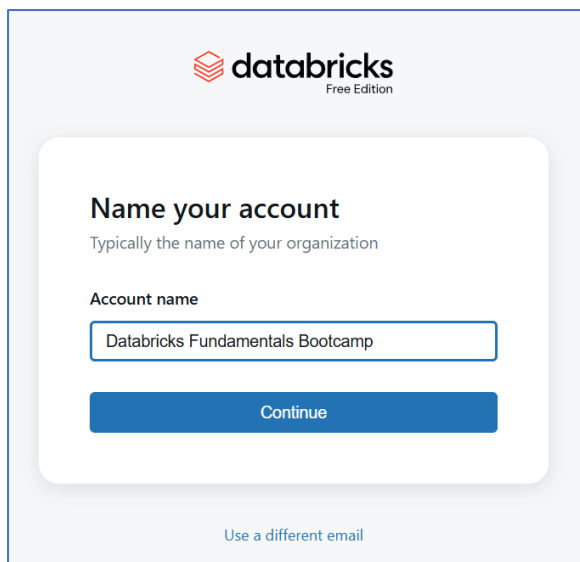
1. Go to Databricks Free Edition sign up page (<https://www.databricks.com/learn/free-edition>).



2. Click on Sign up, and login and with an email address (preferably personal email address).
3. Provide permissions to Databricks app by clicking **Accept**.

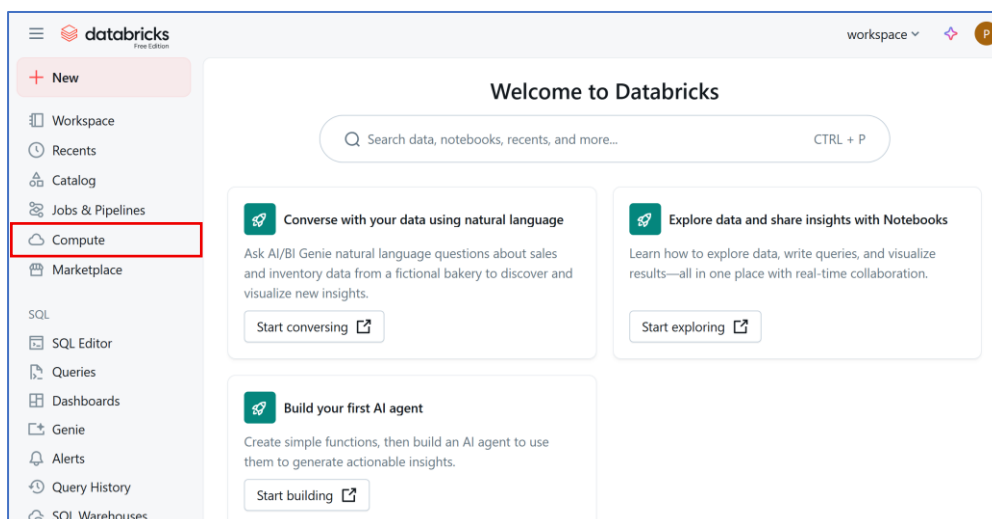


4. Validate your email address by entering verification code.
5. Provide any name to refer to your account, followed by the country and the verification.
 - This will take a few minutes to setup the account.

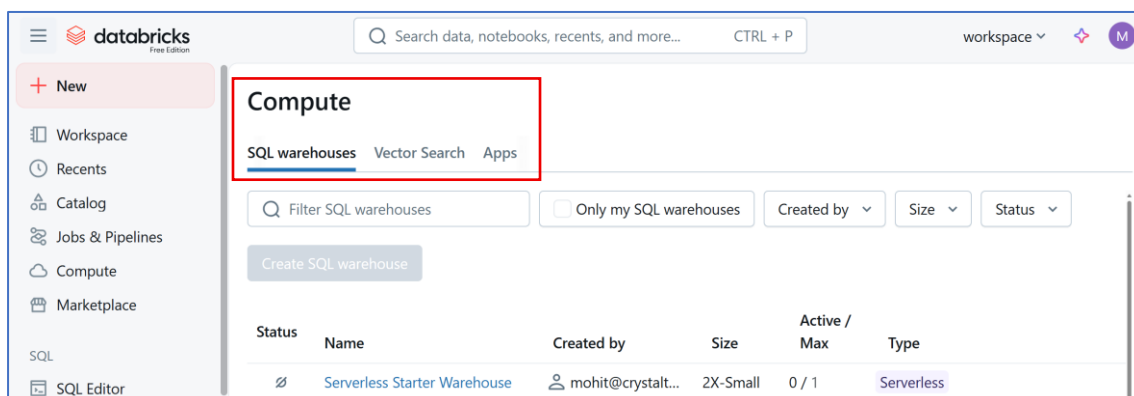


Exercise 2 – Check Compute Options

1. Once signed up, Databricks UI will show up.



2. In the workspace, from left pane, go to **Compute** tab.
3. The **All-purpose compute** option isn't available, but you can create one on a paid Databricks account (Azure, AWS or Google Cloud). Here, you will use Databricks Serverless compute.



[EXAMPLE FOR LEARNING PURPOSE ONLY – CANNOT BE CREATED ON A FREE DATABRICKS ACCOUNT]

- A. On a paid Databricks account, you can fill up cluster properties and click on **Create**. This will take few minutes to setup a single node cluster.
- Compute name: Demo Cluster
 - Databricks Runtime: Select the latest runtime with LTS (long-term support).
 - Photon acceleration: Disable
 - Node type: Standard_DS3_v2 (if this type is not available, select any other)
 - Single node: Enable
 - Terminate minutes: 30 minutes

Compute > New compute > Simple form: ON

Create new compute

General

Compute name
Demo Cluster

Policy
Unrestricted

Performance

☐ Machine learning ⓘ

Databricks runtime
16.4 LTS (Scala 2.13) Scala 2.13, Spark 3.5.2 ☐ Photon acceleration ⓘ

Node type
Standard_DS3_v2 14 GB Memory, 4 Cores ☒ Single node

☒ Terminate after 30 minutes of inactivity

Advanced performance

Tags

Key ⓘ	Value ⓘ
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Create Cancel

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

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

Compute

All-purpose compute Job compute SQL warehouses Pools Policies Apps OLTP Database ⓘ

Filter compute you ... Created by Only pinned Create with Personal Compute Create compute

State ⓘ	Name	Policy	Runtime	Active ...	Active c...	Active ...	Source	Creator	Notebo...
●	Demo Cluster	-	16.4	14 GB	4 cores	0.75	UI	Mohit Batra	-