




# Quickstart: Run a Spark job on Azure Databricks using the Azure portal

05/08/2019 • 4 minutes to read •    +9

## In this article

- [Prerequisites](#)
- [Sign in to the Azure portal](#)
- [Create an Azure Databricks workspace](#)
- [Create a Spark cluster in Databricks](#)
- [Run a Spark SQL job](#)
- [Clean up resources](#)
- [Next steps](#)

In this quickstart, you use the Azure portal to create an Azure Databricks workspace with an Apache Spark cluster. You run a job on the cluster and use custom charts to produce real-time reports from Boston safety data.

## Prerequisites

- Azure subscription - [create one for free](#)

## Sign in to the Azure portal

Sign in to the [Azure portal](#).

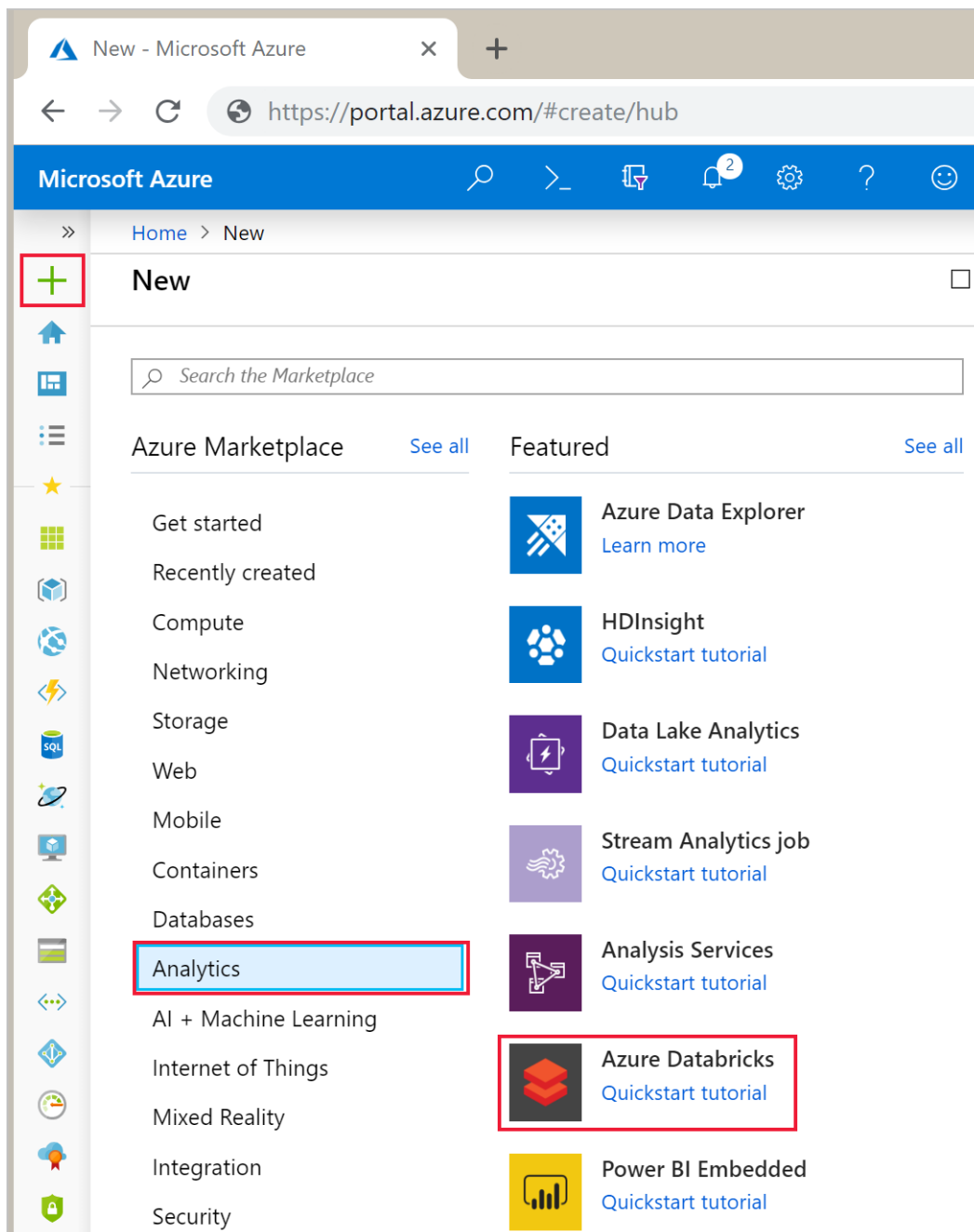
### Note

This tutorial cannot be carried out using **Azure Free Trial Subscription**. If you have a free account, go to your profile and change your subscription to **pay-as-you-go**. For more information, see [Azure free account](#). Then, [remove the spending limit](#), and [request a quota increase](#) for vCPUs in your region. When you create your Azure Databricks workspace, you can select the **Trial (Premium - 14-Days Free DBUs)** pricing tier to give the workspace access to free Premium Azure Databricks DBUs for 14 days.

## Create an Azure Databricks workspace

In this section, you create an Azure Databricks workspace using the Azure portal.

1. In the Azure portal, select **Create a resource** > **Analytics** > **Azure Databricks**.



2. Under **Azure Databricks Service**, provide the values to create a Databricks workspace.

Azure Databricks Service

Workspace name

mydatabricks

Subscription

<your subscription>

Resource group

Create new

Use existing

databricks-quickstart

Location

West US 2

Pricing Tier (View full pricing details)

Premium (+ Role-based access controls)

Standard (Apache Spark, Secure with Azure A...

Premium (+ Role-based access controls)

Trial (Premium - 14-Days Free DBUs)

Create

Automation options

Provide the following values:

Property	Description
Workspace name	Provide a name for your Databricks workspace
Subscription	From the drop-down, select your Azure subscription.
Resource group	Specify whether you want to create a new resource group or use an existing one. A resource group is a container that holds related resources for an Azure solution. For more information, see <a href="#">Azure Resource Group overview</a> .
Location	Select <b>West US 2</b> . For other available regions, see <a href="#">Azure services available by region</a> .
Pricing Tier	Choose between <b>Standard</b> , <b>Premium</b> , or <b>Trial</b> . For more information on these tiers, see <a href="#">Databricks pricing page</a> .

Select **Pin to dashboard** and then click **Create**.

3. The workspace creation takes a few minutes. During workspace creation, you can view the deployment status in **Notifications**.

Notifications

More events in the activity log

Dismiss all

Deployment in progress...

Running

Deployment to resource group 'databricks-quickstart' is in progress.

a few seconds ago

## Create a Spark cluster in Databricks

Note

To use a free account to create the Azure Databricks cluster, before creating the cluster, go to your profile and change your subscription to **pay-as-you-go**. For more information, see [Azure free account](#).

1. In the Azure portal, go to the Databricks workspace that you created, and then click **Launch Workspace**.
2. You are redirected to the Azure Databricks portal. From the portal, click **New Cluster**.