

Azure DataBricks

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Create an Azure Databricks workspace

...

Basics

Networking

Encryption

Tags

Review + create

Project Details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Azure subscription 1

▼

Resource group *

(New) RG_Azure_DataBricks

▼

Create new

Instance Details

Workspace name *

luisccodatabricks

✓

Region *

France Central

▼

Pricing Tier *

Trial (Premium - 14-Days Free DBUs)

▼

Managed Resource Group name

Enter name for managed resource group

Review + create

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Create an Azure Databricks workspace

Basics

Networking

Encryption

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Review + create

Deploy Azure Databricks workspace with Secure Cluster Connectivity (No Public IP) ⓘ

☐ Yes ☒ No

Deploy Azure Databricks workspace in your own Virtual Network (VNet)

☐ Yes ☒ No

Review + create

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Next : Encryption >

Create an Azure Databricks workspace ...

Data Encryption

For additional control of your data, you can add your own key to protect and control access to some types of data. Enabling customer-managed key encryption for Managed Services or Managed Disks is an irreversible action. The key, key vault, and key version may be updated but the features cannot be disabled after being enabled.

Managed Disks

Use your own key ⓘ

☐

⚠The current pricing tier does not support customer-managed key encryption.

Managed Services

Use your own key ⓘ

☐

⚠The current pricing tier does not support customer-managed key encryption.

Double encryption for DBFS root

In addition to your choice of the default encryption or your own managed key encryption, Azure Databricks DBFS root can also be encrypted with a second layer of encryption called infrastructure encryption using platform-managed key to achieve Double Encryption for DBFS root.

Enable Infrastructure Encryption ⓘ

☐

Review + create

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Next : Tags >

portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2F846901e6-da09-45c8-98ca-7cca2353ff0e%2Fresource

Microsoft Azure Search resources, services, and docs (G+)

Home > RG_Azure_DataBricks_luiscocodatabricks | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✔ Your deployment is complete

Deployment name : RG_Azure_DataBricks_luiscocodatabricks Start time : 11/8/2023, 12:12:54 PM

Subscription : Azure subscription 1 Correlation ID : 4106c2fc-1cea-4e7f-92af-3d1a962ad58f

Resource group : RG_Azure_DataBricks

> Deployment details

> Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

portal.azure.com/#@luiscocoenriquezhotmail.onmicrosoft.com/resource/subscriptions/846901e6-da09-45c8-98ca-7cca2353ff0e/resourceGroups/RG_Azure...

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luiscocodatabricks Azure Databricks Service

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Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Virtual Network Peerings

Encryption

Networking

Properties

Locks

Automation

CLI / PS

Tasks (preview)

Export template

Help

Delete

Essentials

Status : Active

Managed Resource Group : databricks-rg-luiscocodatabricks-ec67enizasne

Resource group : RG_Azure_DataBricks

URL : https://adb-3937814051462743.3.azuredatabricks.net

Location : France Central

Pricing Tier : Trial (Premium - 14-Days Free DBUs) (Click to change)

Subscription : Azure subscription 1

Subscription ID : 846901e6-da09-45c8-98ca-7cca2353ff0e

Tags (edit) : Add tags

Launch Workspace

Upgrade to Premium

Documentation

Getting Started

Import Data from File

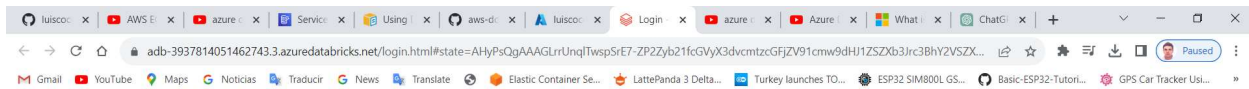
Import Data from Azure Storage

^ Essentials		JSON View	
Status	: Active	Managed Resource Group	: databricks-rg-luiscocodatabricks-ec6i7enizasne
Resource group	: RG_Azure_DataBricks	URL	: https://adb-3937814051462743.3.azuredatabricks.net
Location	: France Central	Pricing Tier	: Trial (Premium - 14-Days Free DBUs) (Click to change)
Subscription	: Azure subscription 1		
Subscription ID	: 846901e6-da09-45c8-98ca-7cca2353ff0e		
Tags (edit)	: Add tags		



Launch Workspace

Upgrade to Premium

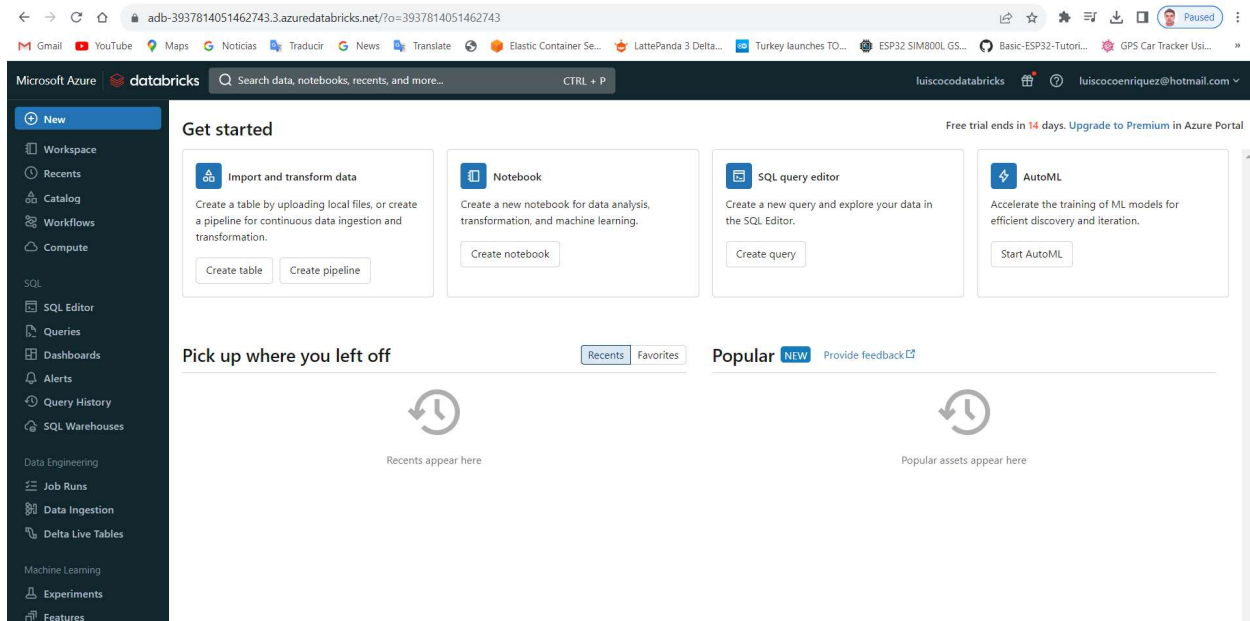


Sign In to Databricks

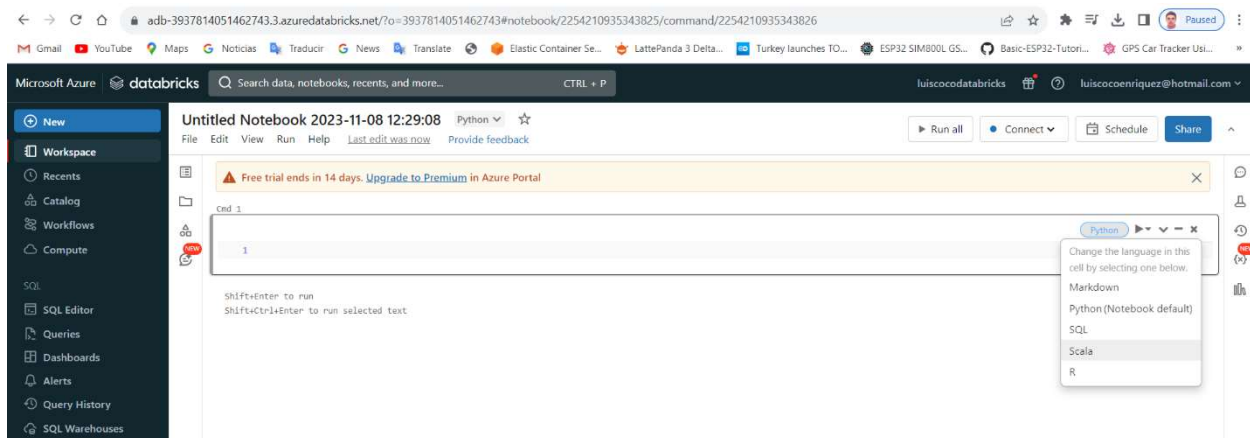
Sign in using Azure Active Directory Single Sign On.

Signing you in

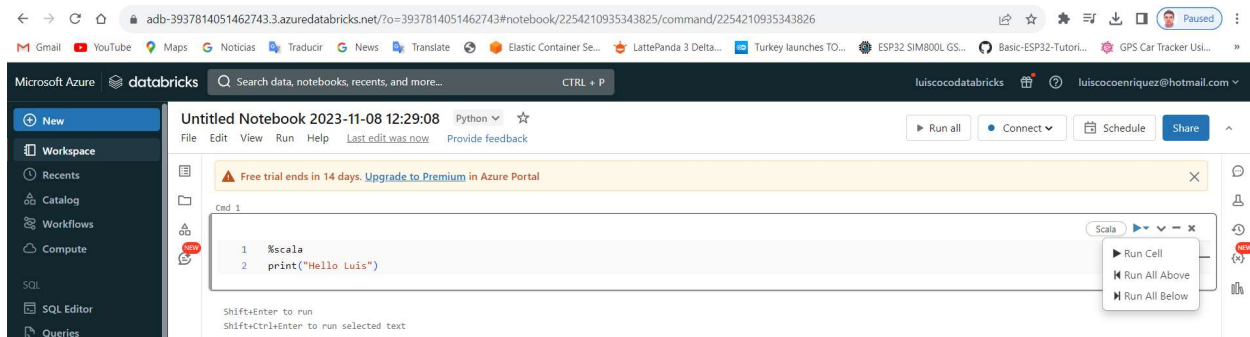
Contact your site administrator to request access.



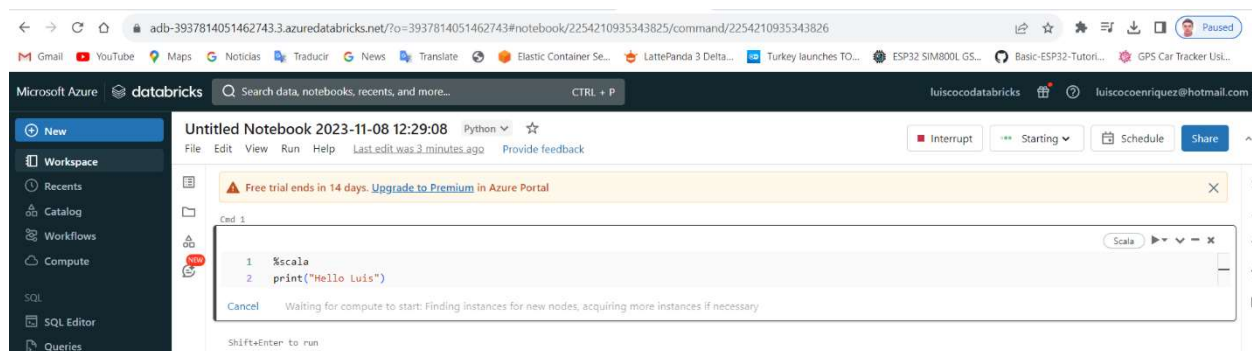
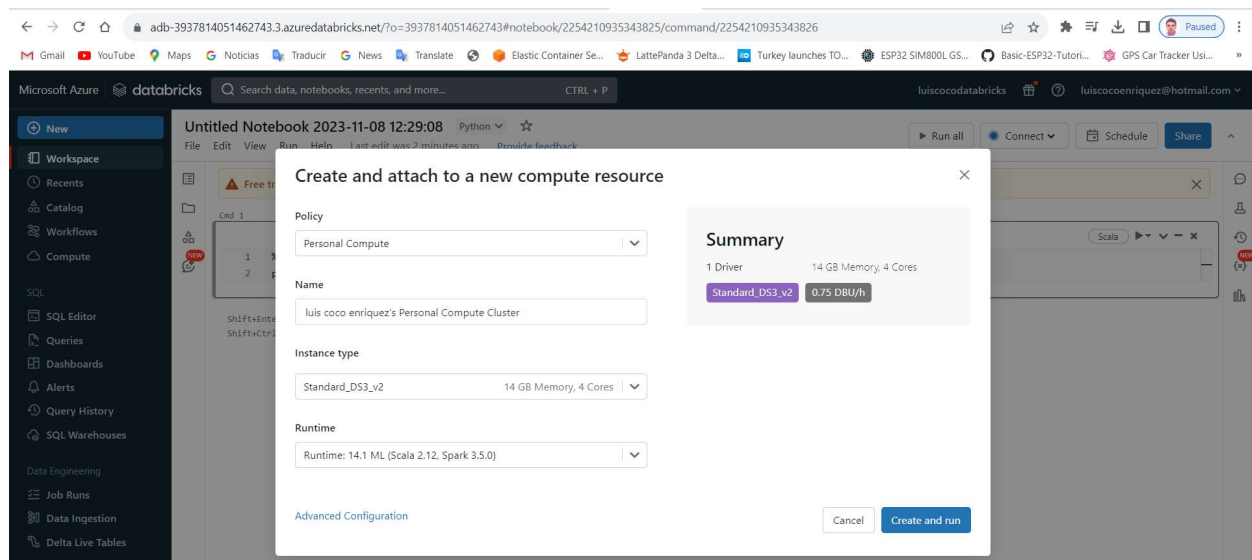
After creating a new **Notebook** we select the **programming language**



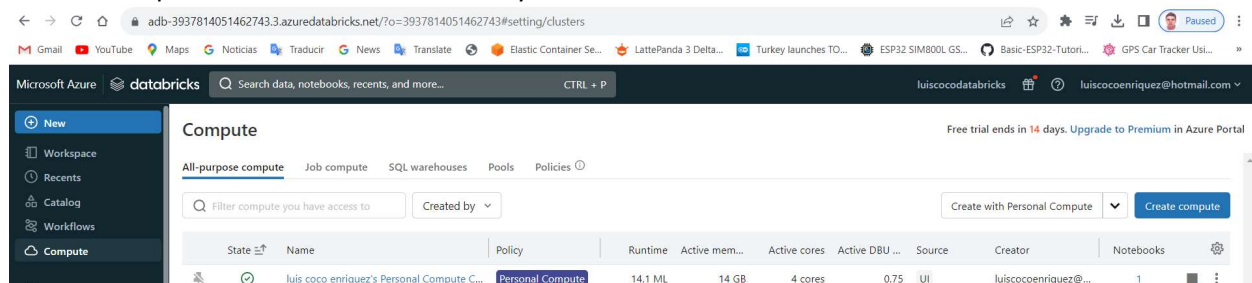
We input the scala source code and we select the option “Run Cell”

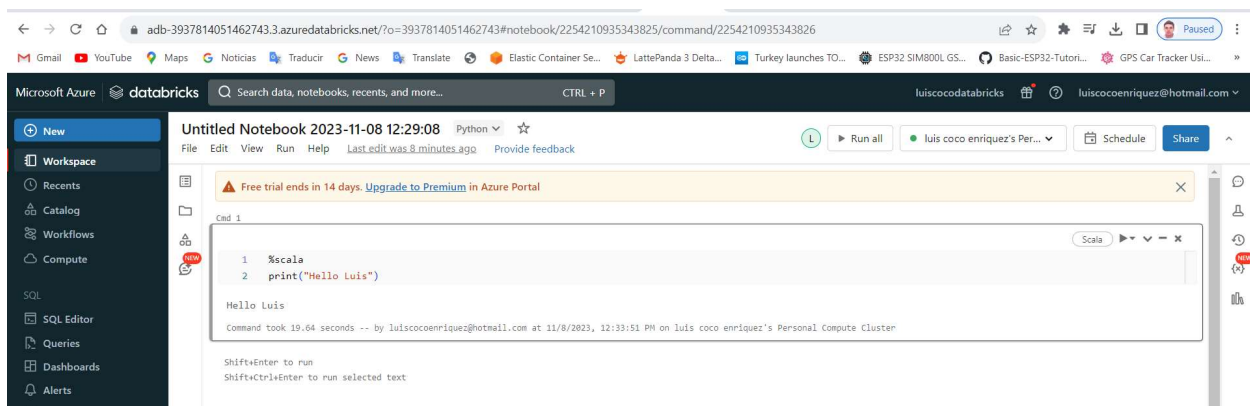


Before running the code we have to create a compute resource and attach it to the Notebook

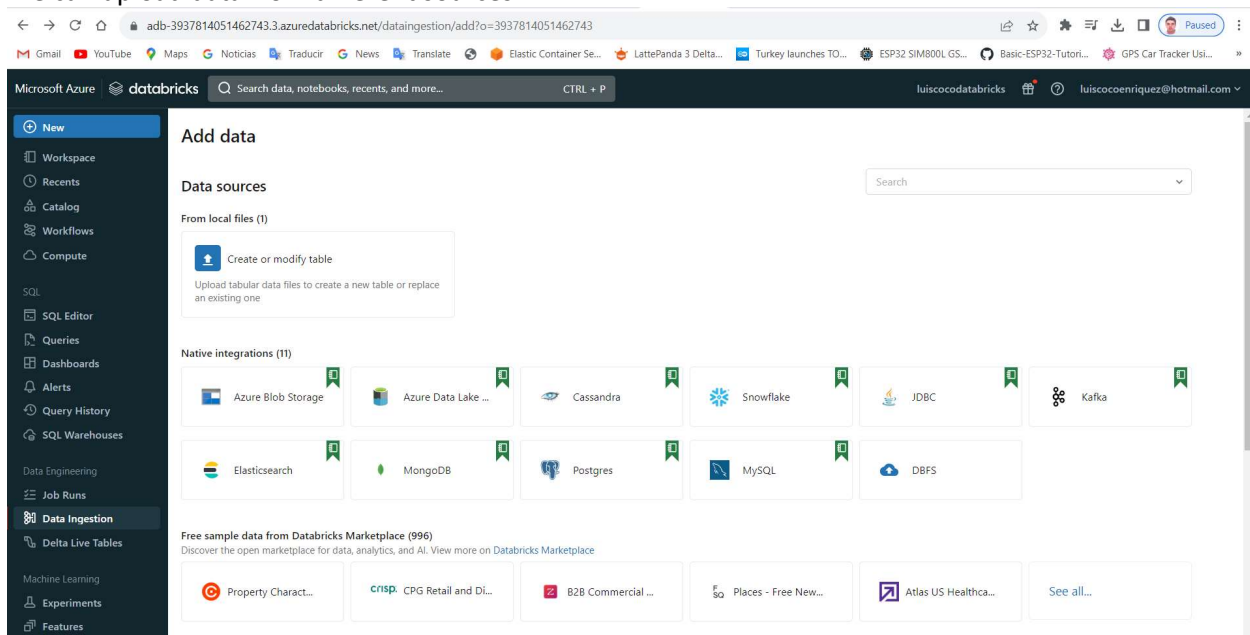


See the compute resource has been already created





We can upload data from different sources



In Azure Databricks, a **Managed Resource Group** is essentially a container that holds all the Azure resources associated with your Databricks workspace. When you create a Databricks workspace in Azure, various resources like virtual machines, storage accounts, and networking components are provisioned to support the functionality of Databricks.

The Managed Resource Group name is the name of the Azure Resource Group that Azure Databricks creates and manages for you. This Resource Group contains all the Azure resources that are necessary for your Databricks workspace to operate seamlessly. It's a convenient way for Azure to organize and manage the resources that belong to a specific Databricks workspace.

The name itself is usually auto-generated based on your Databricks workspace name and some additional identifiers to ensure uniqueness within your Azure subscription. It's worth noting that you typically don't need to interact with this Resource Group directly; Azure Databricks takes care of managing it for you behind the scenes.