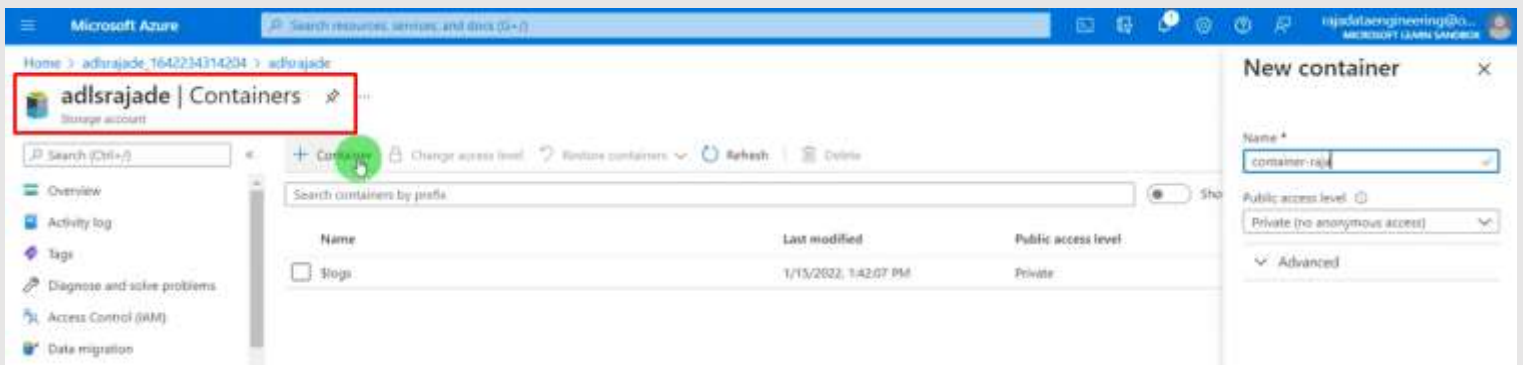
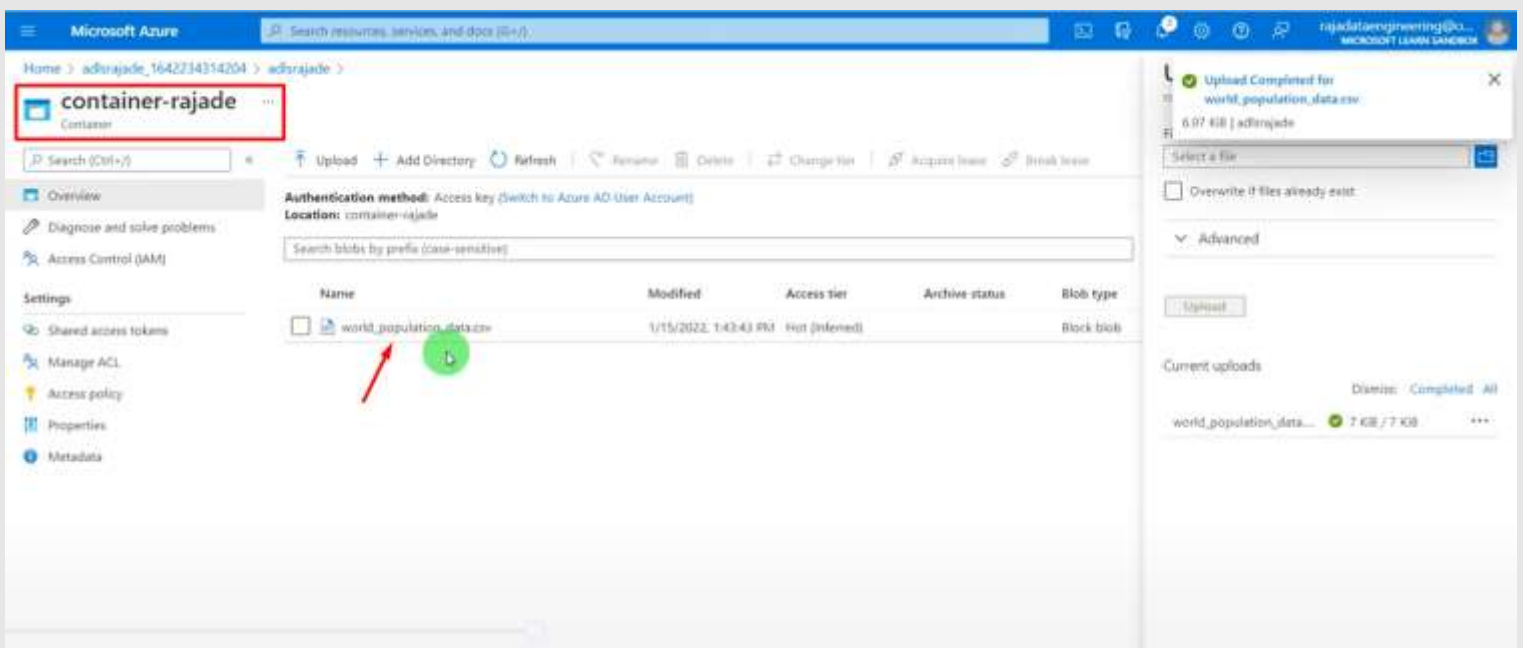


Azure Databricks Integracion con ADLS Usar directamente la ADLS Access Key

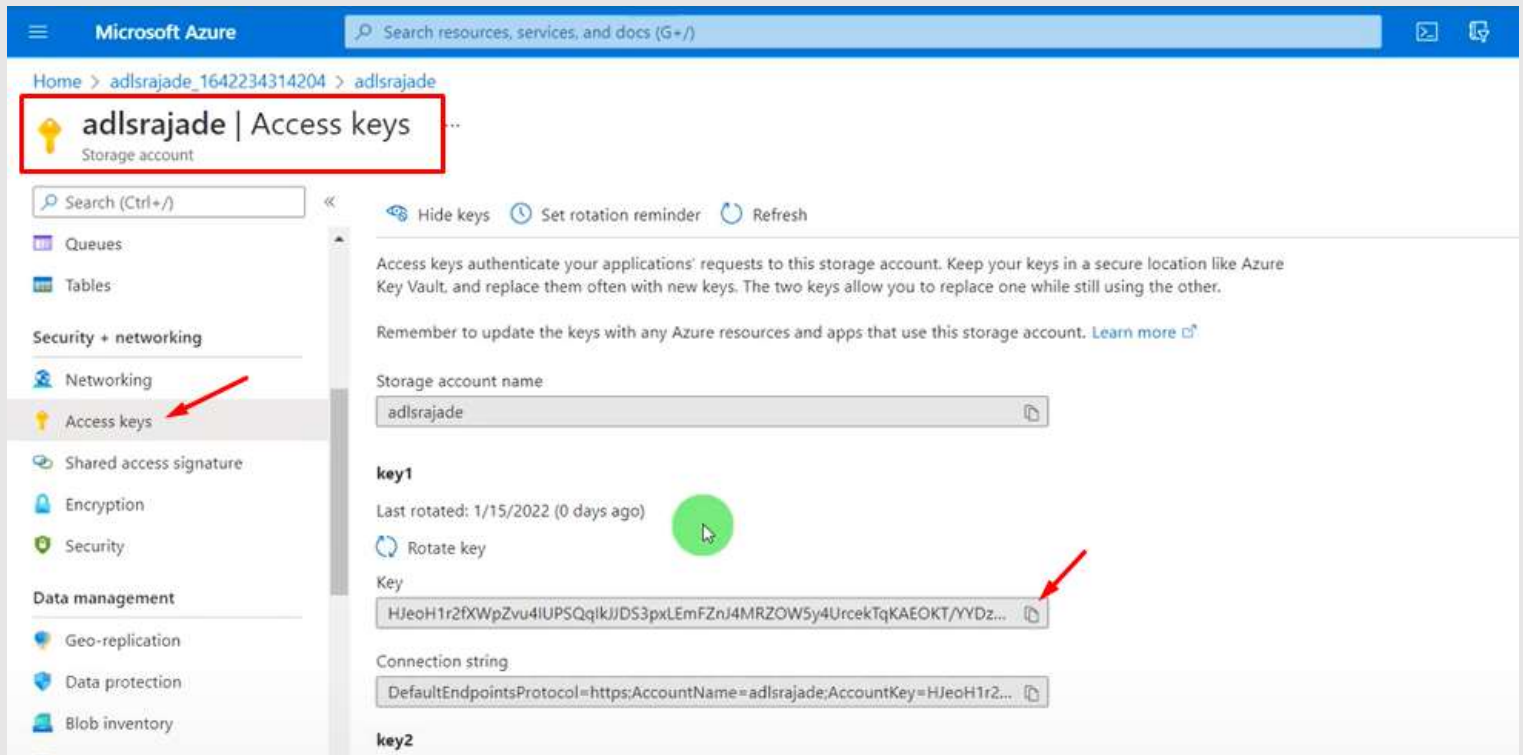
Se crea un **ADLS** que lleva de nombre **adlsrajade**



Se creará un contenedor que lleva por nombre **container-rajade** y se almacenará el archivo **world_population_data.csv**:



Luego, nos dirigimos a **Access keys** de nuestro ADLS **adlsrajade** y copiamos una **key**:



Microsoft Azure

Home > adlsrajade_1642234314204 > adlsrajade

adlsrajade | Access keys

Storage account

Search (Ctrl+ /)

Queues

Tables

Security + networking

Networking

Access keys

Shared access signature

Encryption

Security

Data management

Geo-replication

Data protection

Blob inventory

Hide keys Set rotation reminder Refresh

Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.

Remember to update the keys with any Azure resources and apps that use this storage account. [Learn more](#)

Storage account name: adlsrajade

key1

Last rotated: 1/15/2022 (0 days ago)

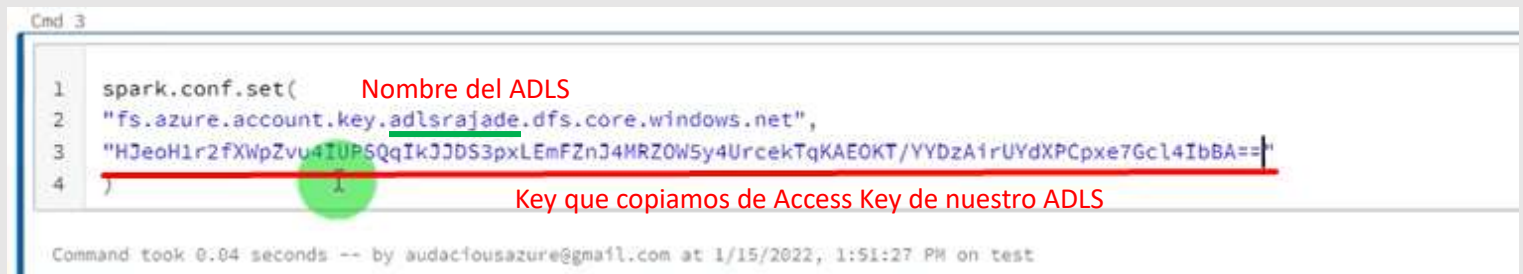
Rotate key

Key: HJeoH1r2fXWpZvu4IUP5QqIkJDS3pxLEmFZnJ4MRZOW5y4UrcekTqKAEOKT/YYDz...

Connection string: DefaultEndpointsProtocol=https;AccountName=adlsrajade;AccountKey=HJeoH1r2...

key2

En un notebook copiamos y pegamos la **key1**:



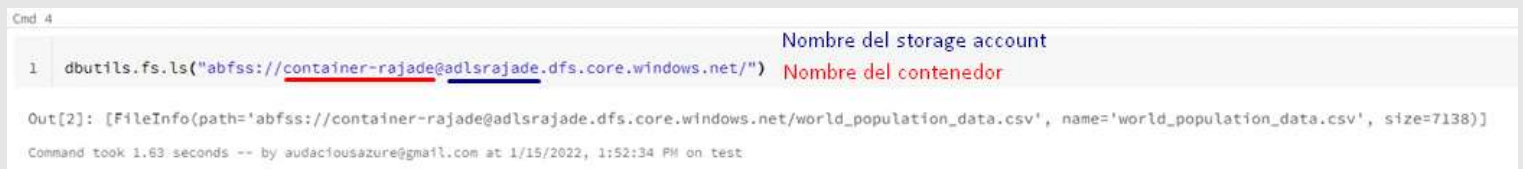
Cmd 3

```
1 spark.conf.set( Nombre del ADLS
2 "fs.azure.account.key.adlsrajade.dfs.core.windows.net",
3 "HJeoH1r2fXWpZvu4IUP5QqIkJDS3pxLEmFZnJ4MRZOW5y4UrcekTqKAEOKT/YYDzAirUYdXPCpxe7Gcl4IbBA==",
4 )
```

Key que copiamos de Access Key de nuestro ADLS

Command took 0.04 seconds -- by audaciousazure@gmail.com at 1/15/2022, 1:51:27 PM on test

Verificamos si la conexión se realizó correctamente



Cmd 4

```
1 dbutils.fs.ls("abfss://container-rajade@adlsrajade.dfs.core.windows.net/")
```

Nombre del storage account

Nombre del contenedor

Out[2]: [FileInfo(path='abfss://container-rajade@adlsrajade.dfs.core.windows.net/world_population_data.csv', name='world_population_data.csv', size=7138)]

Command took 1.63 seconds -- by audaciousazure@gmail.com at 1/15/2022, 1:52:34 PM on test

```

1 #set the data lake file location:
2 file_location = "abfss://container-rajade@adlsrajade.dfs.core.windows.net/"
3
4 #read in the data to dataframe df
5 df = spark.read.format("csv").option("inferSchema", "true").option("header",
6 "true").option("delimiter", "," ).load(file_location)
7
8 #display the dataframe
9 display(df)

```

▶ (3) Spark Jobs

	Country Name	Country Code	population_2019
1	Aruba	ABW	106314
2	Afghanistan	AFG	38041754
3	Angola	AGO	31825295
4	Albania	ALB	2854191
5	Andorra	AND	77142
6	Arab World	ARB	427870270
7	United Arab Fmirates	ARF	9770529

Showing all 264 rows.



Command took 8.86 seconds -- by audaciousazure@gmail.com at 1/15/2022, 1:53:45 PM on test