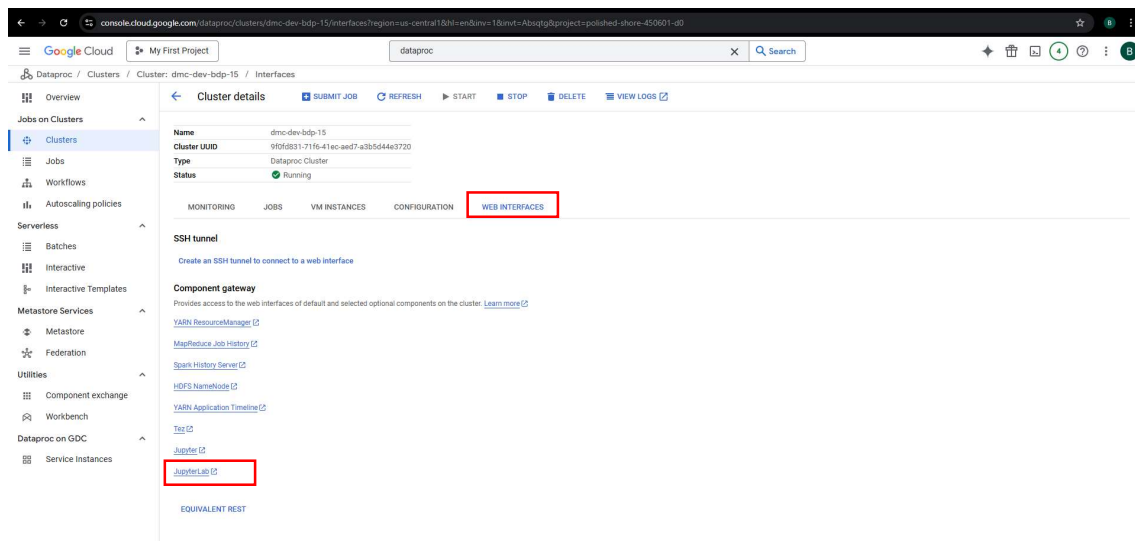


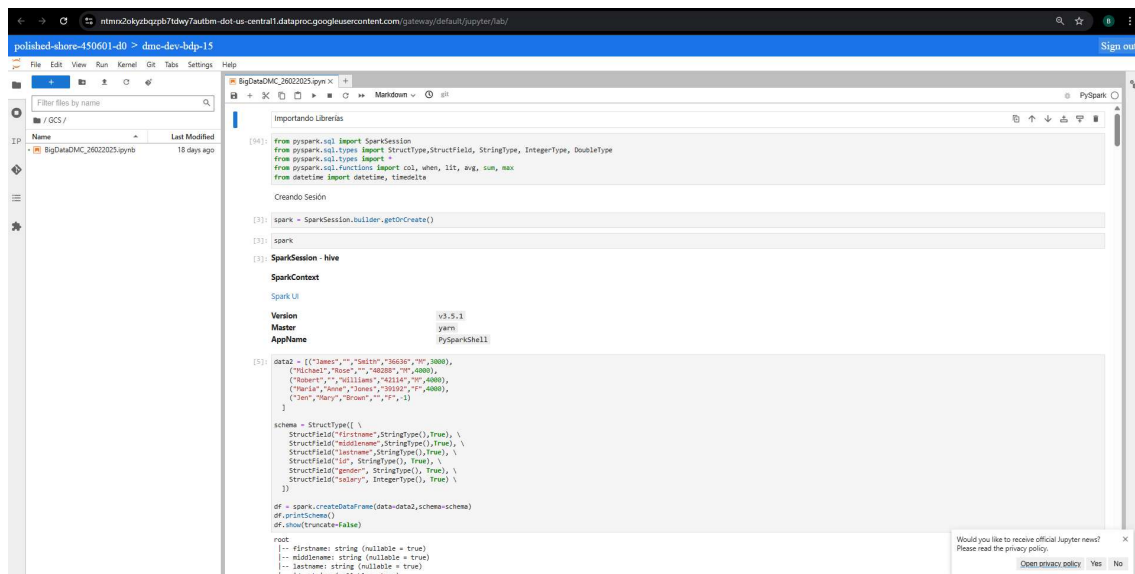
Laboratorio Desarrollo en Notebook con Apache Spark



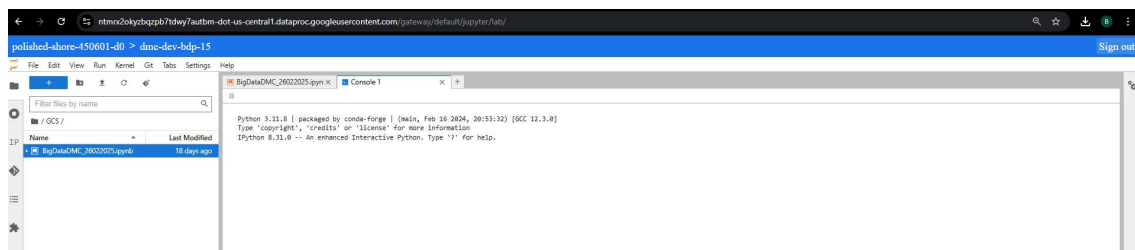
Jupyter Notebooks sobre Apache Spark en Google Cloud Platform

Importación de Módulos

Crear Sesión de Spark



El Spark Console se crea la sesión por defecto.



Dataframes con Schema

```
[5]: data2 = [{"James", "", "Smith", "36636", "M", 3000},
            ("Michael", "Rose", "", "40288", "M", 4000),
            ("Robert", "", "Williams", "42114", "M", 4000),
            ("Maria", "Anne", "Jones", "39192", "F", 4000),
            ("Jen", "Mary", "Brown", "", "F", -1)]

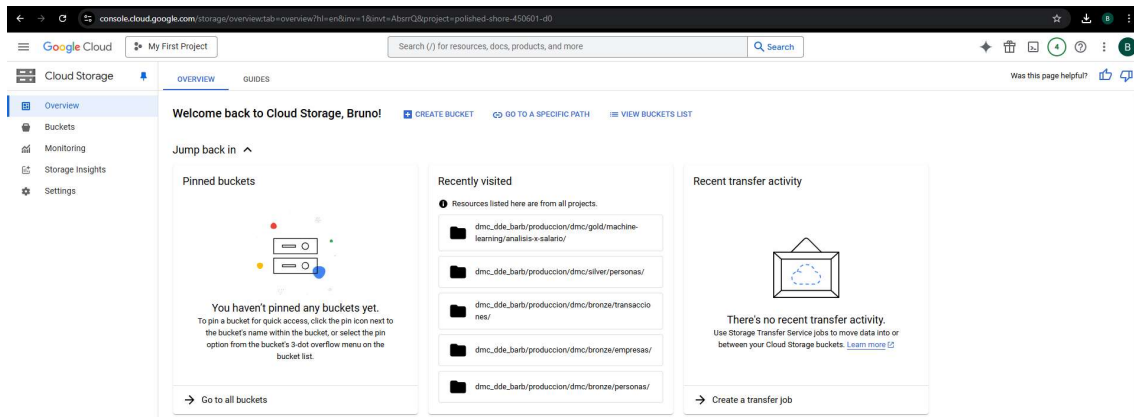
schema = StructType([ \
    StructField("firstname", StringType(), True), \
    StructField("middlename", StringType(), True), \
    StructField("lastname", StringType(), True), \
    StructField("id", StringType(), True), \
    StructField("gender", StringType(), True), \
    StructField("salary", IntegerType(), True) \
])

df = spark.createDataFrame(data=data2, schema=schema)
df.printSchema()
df.show(truncate=False)
```

```
root
 |-- firstname: string (nullable = true)
 |-- middlename: string (nullable = true)
 |-- lastname: string (nullable = true)
 |-- id: string (nullable = true)
 |-- gender: string (nullable = true)
 |-- salary: integer (nullable = true)
```

firstname	middlename	lastname	id	gender	salary
James		Smith	36636	M	3000
Michael	Rose		40288	M	4000
Robert		Williams	42114	M	4000
Maria	Anne	Jones	39192	F	4000
Jen	Mary	Brown		F	-1

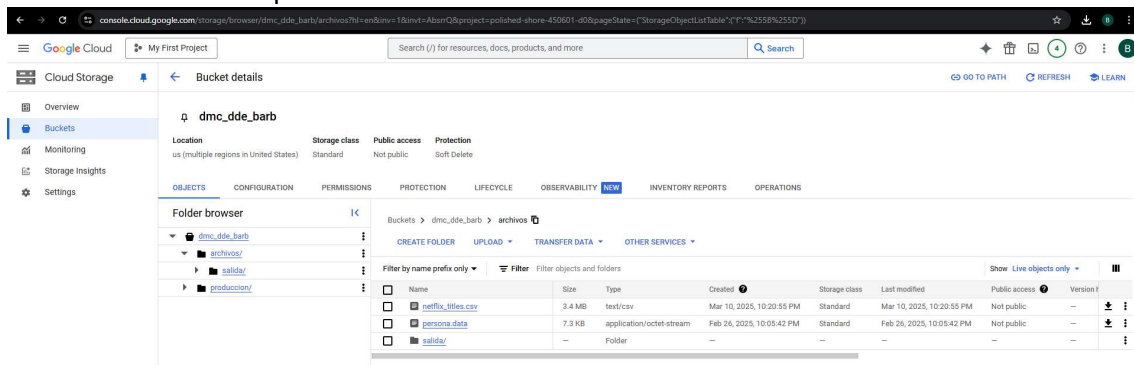
Creación de bucket para Cloud Storage en Google Cloud Plataform

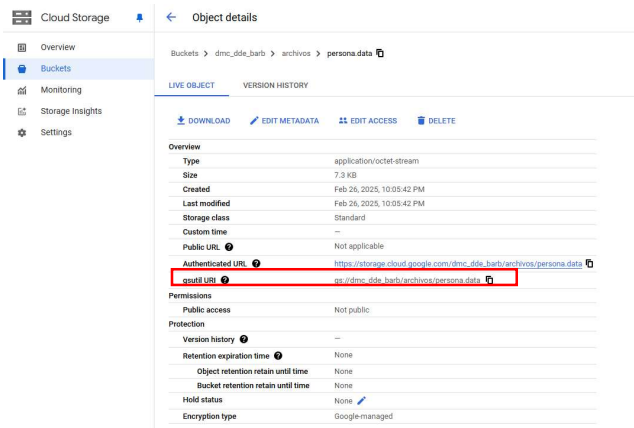


Creamos un bucket dmc_dde_barb

Una carpeta archivos dentro del bucket dmc_dde_barb/archivos

Y subimos el archivo persona.data





Almacenar en un dataframe la lectura de archivos externos con spark.read.format

Función show para mostrar datos de un dataframe

Tipos StructType y StructField para definir esquemas.

printSchema() para ver el esquema del dataframe.

```
BigDataOMC_26022025.pym x Console 1 x +
[6]: ruta = "gs://dmc_dde_barb/archivos/persona.data"

df_schema = StructType([
    StructField("ID", StringType(), True),
    StructField("NOMBRE", StringType(), True),
    StructField("TELEFONO", StringType(), True),
    StructField("CORREO", StringType(), True),
    StructField("FECHA_INGRESO", StringType(), True),
    StructField("EDAD", IntegerType(), True),
    StructField("SALARIO", DoubleType(), True),
    StructField("ID_EMPRESA", StringType(), True),
])

df_with_schema = spark.read.format("CSV").option("header", "true").option("delimiter", "|").schema(df_schema).load(ruta)

[7]: df_with_schema.show(10)

[Stage 4:] (0 + 1) / 1
+----+-----+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA |
+----+-----+-----+-----+-----+-----+-----+
| 1 | Carlil-745-613-9145 | lercu.Sed.et@bente... | 2004-04-23 | 32 | 18095.0 | 5 | |
| 2 | Priscilla | 155-2498 | Donec.egestas.Ali... | 2019-02-17 | 34 | 9299.0 | 2 |
| 3 | Jocylyn | 1-284-956-8594 | amet.diam@lobortl... | 2002-08-01 | 27 | 18053.0 | 3 |
| 4 | Alan | 1-719-862-9385 | euismod.et.comod... | 2015-11-06 | 29 | 3307.0 | 10 |
| 5 | Leandra | 839-8044 | at@retumetrutru... | 2002-10-10 | 41 | 22102.0 | 1 |
| 6 | Bert | 797-4653 | e.felis.ul@lancorp... | 2017-04-25 | 70 | 7600.0 | 7 |
| 7 | Mark | 1-680-162-6792 | Quisque.en@lacin... | 2006-04-21 | 52 | 8112.0 | 5 |
| 8 | Jonah | 214-2975 | eu.ultrices.sit@v... | 2017-10-07 | 23 | 17040.0 | 5 |
| 9 | Hanael | 935-2277 | eu@hunc.ca | 2003-05-25 | 69 | 6854.0 | 3 |
| 10 | Codan | 1-866-561-2701 | lorcil.ad@lasing... | 2001-05-19 | 19 | 7996.0 | 7 |
+----+-----+-----+-----+-----+-----+-----+
only showing top 10 rows
```

Función Select

```
[14]: df_with_schema.select("nombre","fecha_ingreso").show(4)
-----
| nombre|fecha_ingreso|
-----
| Carl| 2004-04-23|
| Priscilla| 2019-02-17|
| Jocelyn| 2002-08-01|
| Aidan| 2018-11-06|
-----
only showing top 4 rows

[13]: df_with_schema.select(df_with_schema.NOMBRE, df_with_schema.FECHA_INGRESO).show(4)
-----
| NOMBRE|FECHA_INGRESO|
-----
| Carl| 2004-04-23|
| Priscilla| 2019-02-17|
| Jocelyn| 2002-08-01|
| Aidan| 2018-11-06|
-----
only showing top 4 rows

[16]: df_with_schema.select(df_with_schema["nombre"],df_with_schema["fecha_ingreso"]).show(5)
-----
| nombre|fecha_ingreso|
-----
| Carl| 2004-04-23|
| Priscilla| 2019-02-17|
| Jocelyn| 2002-08-01|
| Aidan| 2018-11-06|
| Leandro| 2002-10-10|
-----
only showing top 5 rows

[19]: df_with_schema.select(col("nombre"),col("fecha_ingreso")).show(4)
-----
| nombre|fecha_ingreso|
-----
| Carl| 2004-04-23|
| Priscilla| 2019-02-17|
| Jocelyn| 2002-08-01|
| Aidan| 2018-11-06|
-----
only showing top 4 rows
```

Función withColumn, col, cast, when, otherwise

```
[24]: df_with_schema.withColumn("salario",col("salario").cast("integer")).show(5)
-----
| ID| NOMBRE| TELEFONO| CORREO|FECHA_INGRESO|EDAD|salario|ID_EMPRESA|
-----
| 1| Carl|1-745-433-9145|arcs.sei.et@ente...| 2004-04-23| 92| 2009| 5|
| 2| Priscilla| 155-2498|Domec.egestas.Ali...| 2019-02-17| 34| 9298| 2|
| 3| Jocelyn|1-084-456-4544|sawr.dj@qunort...| 2002-08-01| 27| 18053| 3|
| 4| Aidan|1-719-862-9385|euiomod.et.commod...| 2018-11-06| 29| 3387| 10|
| 5| Leandro| 839-8044|a@brettmetrutru...| 2002-10-10| 41| 22182| 0|
-----
only showing top 5 rows

[30]: df_with_schema.withColumn("incremento",col("salario")*0.18).select(col("nombre"),col("salario"),col("incremento")).show(5)
-----
| nombre|salario| incremento|
-----
| Carl|2009.0| 200.5|
| Priscilla| 9298.0| 1673.64|
| Jocelyn|18053.0| 3249.54|
| Aidan| 3387.0| 609.66|
| Leandro| 22182.0| 3992.76|
-----
only showing top 5 rows

[42]: limite_salario_bajo = 5000
inicio_salario_alto = 30000
df_with_schema.withColumn("tipo_salario", when((col("salario")<limite_salario_bajo,"salario bajo")\
                                             when((col("salario")>=limite_salario_bajo) & (col("salario")<inicio_salario_alto)), "salario medio")\
                                             ,otherwise("salario alto"))).show(10)
-----
| ID| NOMBRE| TELEFONO| CORREO|FECHA_INGRESO|EDAD|salario|ID_EMPRESA| tipo_salario|
-----
| 1| Carl|1-745-433-9145|arcs.sei.et@ente...| 2004-04-23| 92|2009.0| 5|salario medio|
| 2| Priscilla| 155-2498|Domec.egestas.Ali...| 2019-02-17| 34| 9298.0| 2|salario medio|
| 3| Jocelyn|1-084-456-4544|sawr.dj@qunort...| 2002-08-01| 27|18053.0| 3|salario medio|
| 4| Aidan|1-719-862-9385|euiomod.et.commod...| 2018-11-06| 29| 3387.0| 10|salario bajo|
| 5| Leandro| 839-8044|a@brettmetrutru...| 2002-10-10| 41|22182.0| 1|salario medio|
| 6| Bert| 797-4453|a-felix.all@corpor...| 2007-04-25| 78| 7080.0| 7|salario medio|
| 7| Mexi|1-680-182-4792|Quique.w@blace...| 2006-04-21| 52| 8112.0| 5|salario medio|
| 8| Jones| 214-2575|eui@trics.v@bge...| 2007-10-07| 23|17040.0| 5|salario medio|
| 9| Herna| 935-2177| eu@hunc.ca| 2003-05-25| 49| 4834.0| 3|salario medio|
| 10| Cadme|1-466-441-2761|orcl.se@piscip.h...| 2001-05-15| 19| 7596.0| 7|salario medio|
-----
only showing top 10 rows
```

Función withColumnRenamed, drop, lit

```
polished-shore-450601-d0 > dmc-dev-bdp-15

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Name Last Modified
BgDataDMS_26022025.ipynb 11 days ago

[343]: #f_with_schema.withColumnRenamed("salary","salary").show(10)

+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA |
+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 20895.0 | 5 |
| 2 | Priscilla | 155-4488 | Donec.egetas.Ali... | 2019-02-17 | 34 | 4298.0 | 2 |
| 3 | Jocelyn|1-204-956-4594|amet.diam@obort... | 2002-08-01 | 27 | 13853.0 | 3 |
| 4 | Alden|1-719-862-4385|euismod.et.commod... | 2018-11-06 | 29 | 3387.0 | 10 |
| 5 | Leonard | 839-4844 | at@retinetumtruv... | 2002-10-10 | 41 | 21282.0 | 1 |
| 6 | Bert | 797-4453 | a.felis.ullamcor... | 2017-04-25 | 70 | 7880.0 | 7 |
| 7 | Mary | 680-182-6792 | Quisque.a@placer... | 2006-04-21 | 52 | 8112.0 | 5 |
| 8 | Jonah | 214-2975 | eu.uttrices.sit@r... | 2017-10-07 | 23 | 17040.0 | 5 |
| 9 | Hannah | 935-1277 | eu@luna.co | 2003-05-25 | 60 | 6834.0 | 3 |
| 10 | Cadman|1-866-561-2701|orci.adipiscing.n... | 2001-05-19 | 19 | 7996.0 | 7 |
+-----+-----+-----+-----+-----+
only showing top 10 rows

[344]: #f_with_schema.drop("salary").show(5)

+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | ID_EMPRESA |
+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 5 |
| 2 | Priscilla | 155-4488 | Donec.egetas.Ali... | 2019-02-17 | 34 | 2 |
| 3 | Jocelyn|1-204-956-4594|amet.diam@obort... | 2002-08-01 | 27 | 3 |
| 4 | Alden|1-719-862-4385|euismod.et.commod... | 2018-11-06 | 29 | 10 |
| 5 | Leonard | 839-4844 | at@retinetumtruv... | 2002-10-10 | 41 | 1 |
+-----+-----+-----+-----+-----+
only showing top 5 rows

[345]: #f_with_schema.withColumn("periodo",lit("202507")).show(10)

+-----+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA | periodo |
+-----+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 20895.0 | 5 | 202503 |
| 2 | Priscilla | 155-4488 | Donec.egetas.Ali... | 2019-02-17 | 34 | 4298.0 | 2 | 202503 |
| 3 | Jocelyn|1-204-956-4594|amet.diam@obort... | 2002-08-01 | 27 | 13853.0 | 3 | 202503 |
| 4 | Alden|1-719-862-4385|euismod.et.commod... | 2018-11-06 | 29 | 3387.0 | 10 | 202503 |
| 5 | Leonard | 839-4844 | at@retinetumtruv... | 2002-10-10 | 41 | 21282.0 | 1 | 202503 |
| 6 | Bert | 797-4453 | a.felis.ullamcor... | 2017-04-25 | 70 | 7880.0 | 7 | 202503 |
| 7 | Mary | 680-182-6792 | Quisque.a@placer... | 2006-04-21 | 52 | 8112.0 | 5 | 202503 |
| 8 | Jonah | 214-2975 | eu.uttrices.sit@r... | 2017-10-07 | 23 | 17040.0 | 5 | 202503 |
| 9 | Hannah | 935-1277 | eu@luna.co | 2003-05-25 | 60 | 6834.0 | 3 | 202503 |
| 10 | Cadman|1-866-561-2701|orci.adipiscing.n... | 2001-05-19 | 19 | 7996.0 | 7 | 202503 |
+-----+-----+-----+-----+-----+-----+
only showing top 10 rows
```

Función Filter e isin

```
polished-shore-450601-d0 > dmc-dev-bdp-15

File Edit View Run Kernel Git Tabs Settings Help

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Name Last Modified
BgDataDMS_26022025.ipynb 11 days ago

[347]: fecha_actual = datetime.now()
print("hora del servidor: ", fecha_actual)
fecha_prev = fecha_actual - timedelta(hours=5)
periodo = fecha_prev.strftime("%Ym")
print(periodo)

hora del servidor: 2025-03-04 01:31:30.982753
202503

[348]: #f_with_schema.filter(col("id_empresa")==5).show(10)

+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA |
+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 20895.0 | 5 |
| 7 | Mary | 680-182-6792 | Quisque.a@placer... | 2006-04-21 | 52 | 8112.0 | 5 |
| 8 | Jonah | 214-2975 | eu.uttrices.sit@r... | 2017-10-07 | 23 | 17040.0 | 5 |
| 13 | Trevor | 512-5955 | haru.quis.arc@eug... | 2019-08-06 | 34 | 9501.0 | 5 |
| 15 | Wanda | 359-6972 | Nam.nulla.magna@r... | 2005-08-21 | 27 | 1539.0 | 5 |
| 16 | Aurora | 1-885-753-3470 | magna@rai.net | 2017-10-21 | 54 | 4386.0 | 5 |
| 50 | Ross | 1-587-785-1837 | at.risus@lectic... | 2009-11-03 | 14 | 13902.0 | 5 |
| 51 | Damon | 368-7630 | nunc@pluquam... | 2016-05-11 | 49 | 2660.0 | 5 |
| 59 | Quamby | 938-5882 | lorem.ut.aliquam@... | 2017-10-04 | 26 | 12092.0 | 5 |
| 68 | Hayes | 712-6783 | at@wettidam.net | 2011-12-31 | 31 | 7523.0 | 5 |
+-----+-----+-----+-----+-----+
only showing top 10 rows

[349]: #f_with_schema.filter((col("id_empresa")==5) & (col("salary")>=10000)).show()

+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA |
+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 20895.0 | 5 |
| 8 | Jonah | 214-2975 | eu.uttrices.sit@r... | 2017-10-07 | 23 | 17040.0 | 5 |
| 50 | Ross | 1-587-785-1837 | at.risus@lectic... | 2009-11-03 | 14 | 13902.0 | 5 |
| 59 | Quamby | 938-5882 | lorem.ut.aliquam@... | 2017-10-04 | 26 | 12092.0 | 5 |
| 68 | Jack | 808-9554 | parturient.scort... | 2017-03-10 | 50 | 14475.0 | 5 |
+-----+-----+-----+-----+-----+

[350]: lista_empresas = [2,3,5]
#f_with_schema.filter(col("id_empresa").isin([2,3,5])).show(3)
#f_with_schema.filter(col("id_empresa").isin([3,5])).show(3)
#f_with_schema.filter(col("id_empresa").isin(lista_empresas)).show(3)

+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA |
+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 20895.0 | 5 |
| 2 | Priscilla | 155-4488 | Donec.egetas.Ali... | 2019-02-17 | 34 | 4298.0 | 2 |
| 3 | Jocelyn|1-204-956-4594|amet.diam@obort... | 2002-08-01 | 27 | 13853.0 | 3 |
+-----+-----+-----+-----+-----+
```

Función like

```
polished-shore-450601-d0 > dmc-dev-bdp-15

File Edit View Run Kernel Git Tabs Settings Help

Filter files by name

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Name Last Modified
BgDataDMS_26022025.ipynb 11 days ago

[346]: #f_with_schema.filter(col("nombre").like("Mar*")).show()

+-----+-----+-----+-----+-----+
| ID | NOMBRE | TELEFONO | CORREO | FECHA_INGRESO | EDAD | SALARIO | ID_EMPRESA |
+-----+-----+-----+-----+-----+
| 1 | Carl|1-745-633-9145|arcu.Sed.et@ente... | 2004-04-23 | 32 | 20895.0 | 5 |
| 7 | Mary | 680-182-6792 | Quisque.a@placer... | 2006-04-21 | 52 | 8112.0 | 5 |
| 17 | Omar | 720-1343 | Phasellus.vitae.d... | 2014-06-24 | 69 | 6531.0 | 6 |
| 21 | Carlissa | 380-877-0859 | dignissim.pharetr... | 2011-10-16 | 31 | 3352.0 | 10 |
| 25 | Pearl | 1-480-262-3373 | vel.convallis@pm... | 2018-12-21 | 51 | 14756.0 | 6 |
| 39 | Carolyn | 846-7668 | netus.Aenean.nam@... | 2003-05-29 | 64 | 12038.0 | 6 |
| 54 | Karl | 1-554-600-0851 | congue@nam.edu | 2005-04-12 | 25 | 28073.0 | 1 |
| 60 | Bernard | 482-8823 | vel.faucibus@ome... | 2005-04-15 | 27 | 18025.0 | 2 |
| 76 | Omar | 1-125-243-0978 | elit.erat@et@stiv... | 2012-11-19 | 34 | 11263.0 | 6 |
| 87 | Karly | 1-644-725-7241 | tempor.erat@eug... | 2011-06-12 | 25 | 3715.0 | 1 |
+-----+-----+-----+-----+-----+

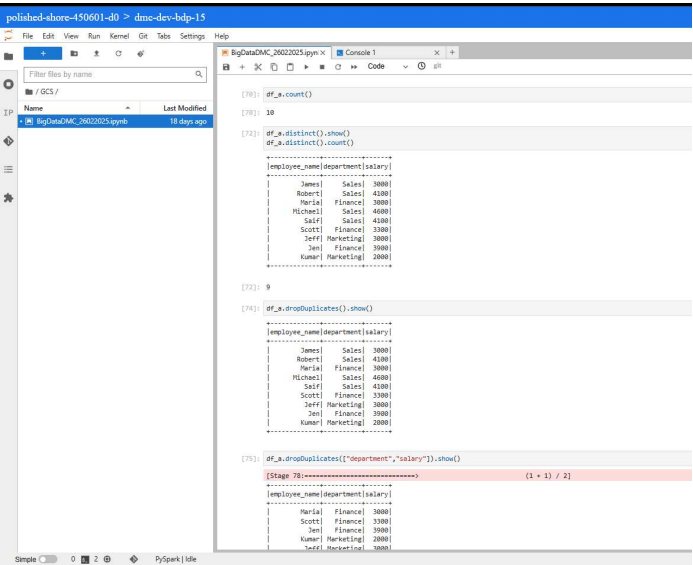
[351]: data = [{"name", "Sales", 3000}, \
             ("Michael", "Sales", 4000), \
             ("Robert", "Sales", 4100), \
             ("Maria", "Finance", 3800), \
             ("James", "Sales", 3000), \
             ("Scott", "Finance", 3300), \
             ("Ien", "Finance", 3900), \
             ("Jeff", "Marketing", 3000), \
             ("Tanner", "Marketing", 2000), \
             ("Colt", "Sales", 4300)]

columns = ["employee_name", "department", "salary"]
df_s = spark.createDataFrame(data = data, schema = columns)
df_s.printSchema()
df_s.show(truncate=False)

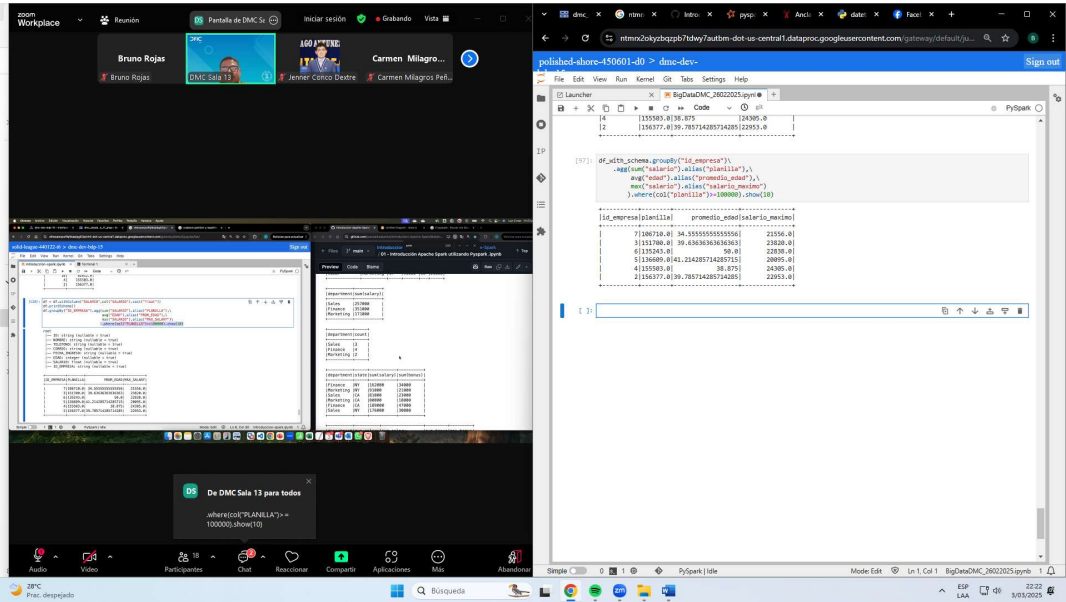
root
-- employee_name: string (nullable = true)
-- department: string (nullable = true)
-- salary: long (nullable = true)

+-----+-----+-----+
| employee_name | department | salary |
+-----+-----+-----+
| James         | Sales      | 3000   |
| Michael       | Sales      | 4000   |
| Robert        | Sales      | 4100   |
| Maria         | Finance    | 3800   |
| James         | Sales      | 3000   |
| Scott         | Finance    | 3300   |
| Ien           | Finance    | 3900   |
| Jeff          | Marketing   | 3000   |
| Tanner        | Marketing   | 2000   |
| Colt          | Sales       | 4300   |
+-----+-----+-----+
```

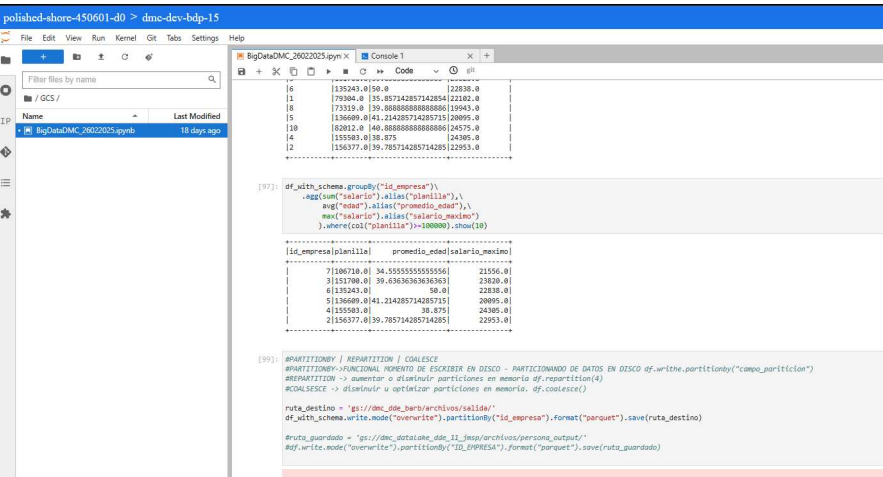
Función count, distinct, dropDuplicates



Función orderBy, asc, desc, groupBy, agg, sum, avg, max

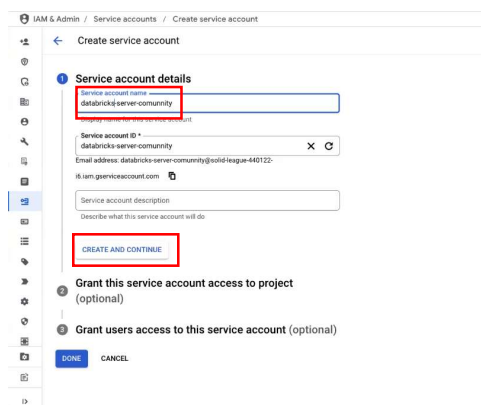
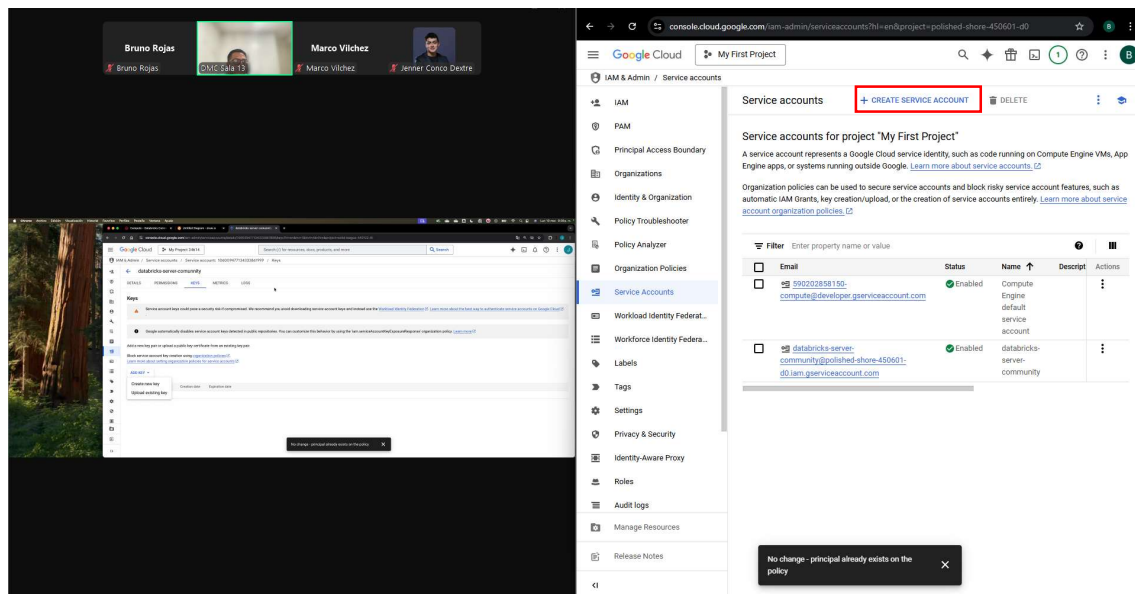
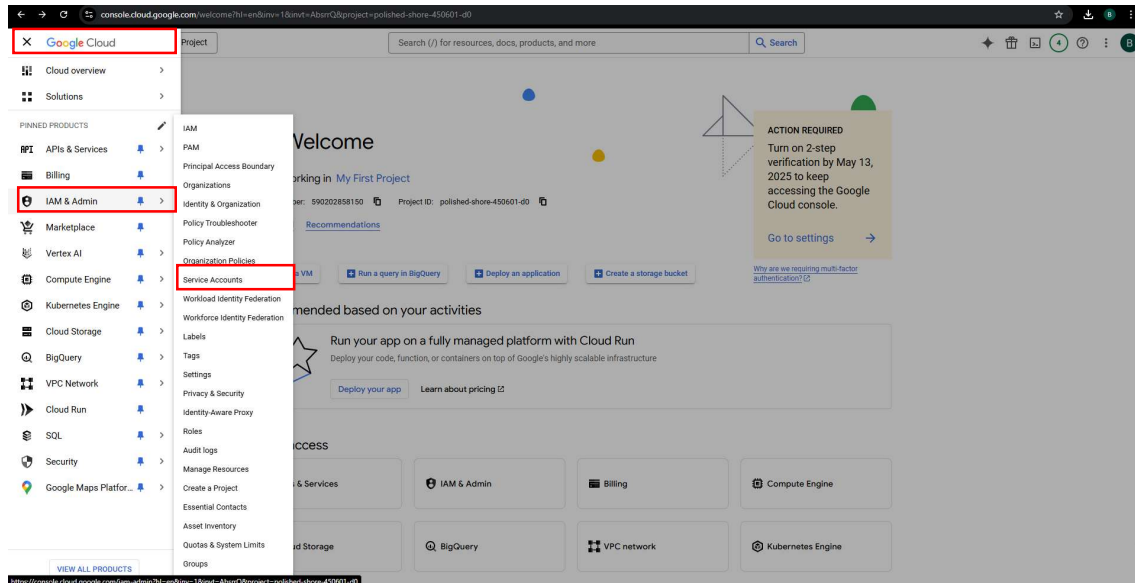


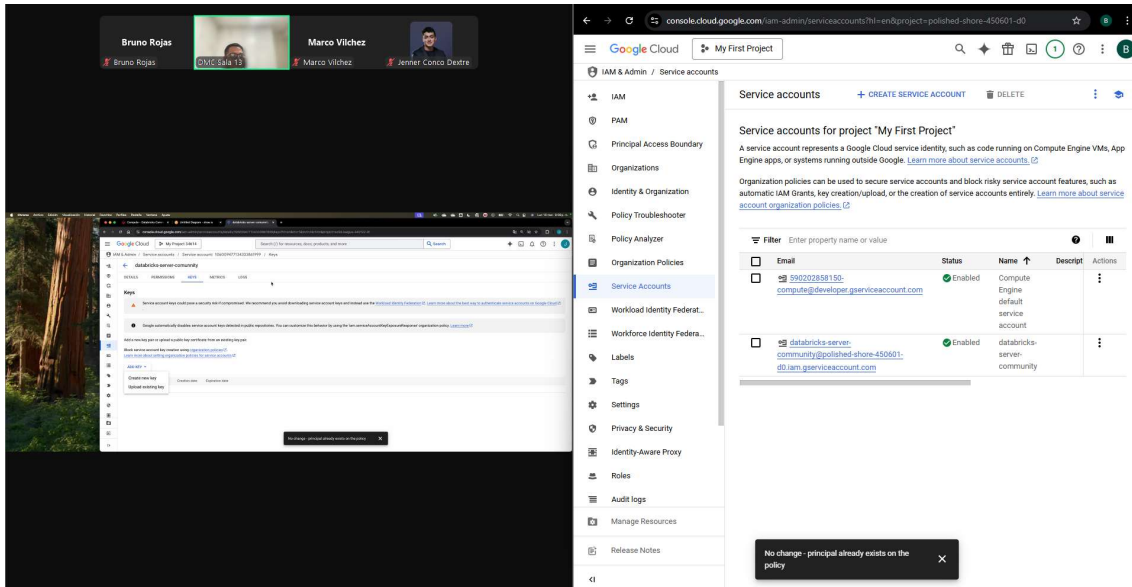
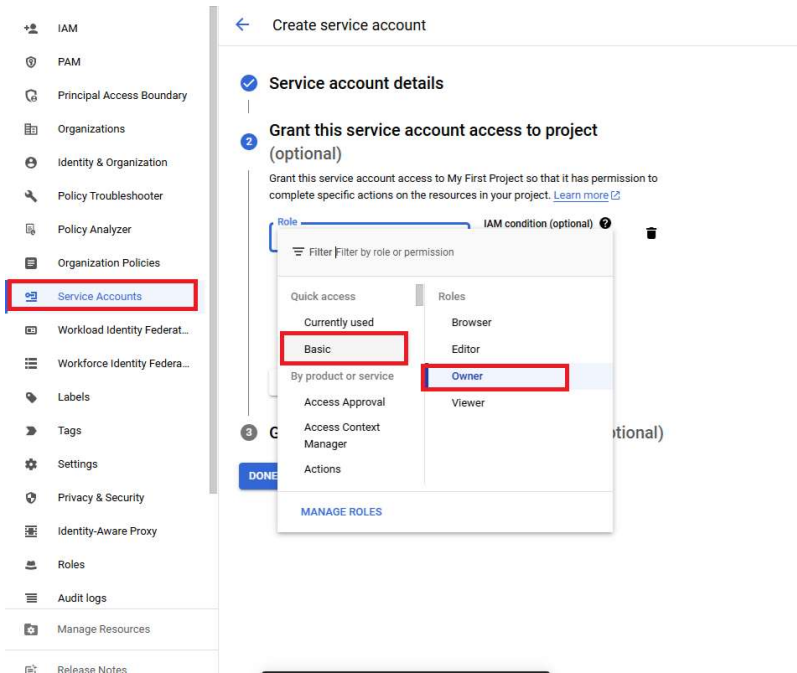
Función where, partitionby, write.mode, format, save

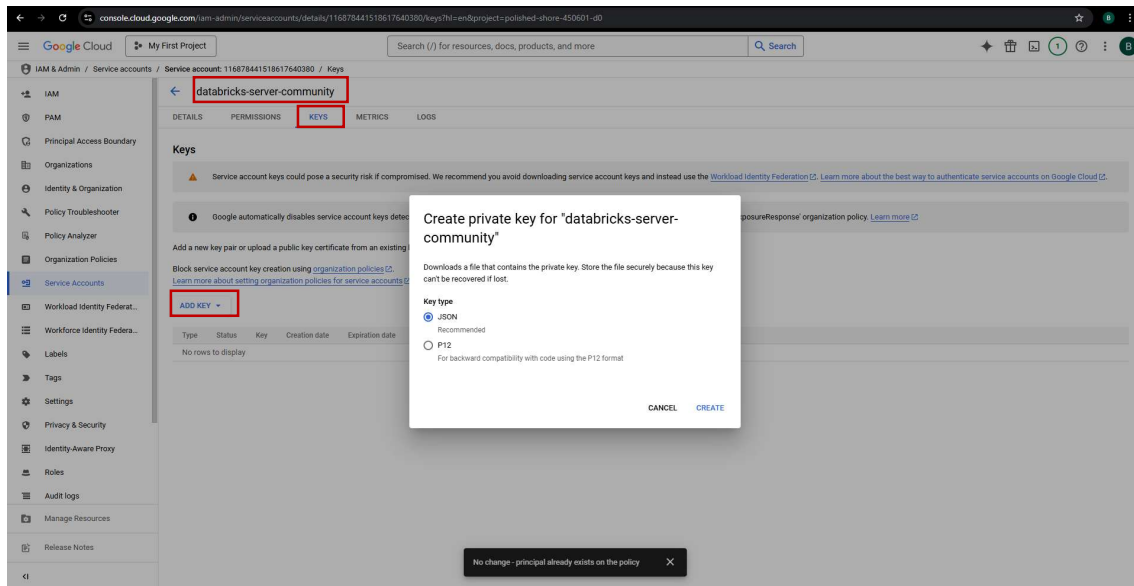


Apache Spark en Databrick

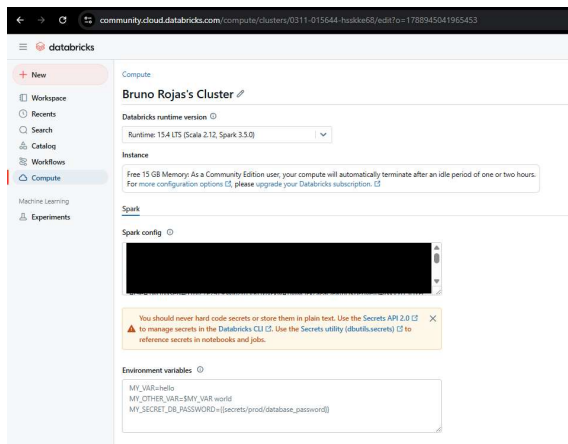
Creación de Credenciales a través de GCP→IAM & Admin→Service Accounts



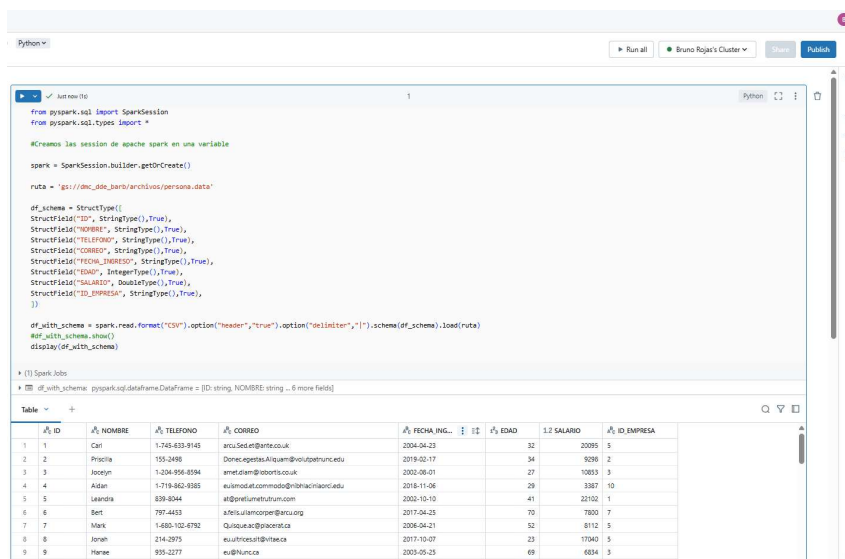




Las credenciales creadas las seteamos en la configuración del cluster en databricks



Conectamos databricks con nuestro bucket de gcp



Subimos un nuevo archivo a nuestro bucket que hemos descargado de kaggle y lo leemos desde databricks.

dmc_dde_barb

Location

us (multiple regions in United States)

Storage class

Standard

Public access

Not public

Protection

Soft Delete

OBJECTS

CONFIGURATION

PERMISSIONS

PROTECTION

LIFECYCLE

OBSERVABILITY

NEW

INVENTORY REPORTS

OPERATIONS

Folder browser

dmc_dde_barb

archivos/

salida/

produccion/

Buckets

>

dmc_dde_barb

>

archivos

CREATE FOLDER

UPLOAD

TRANSFER DATA

OTHER SERVICES

Filter by name prefix only

Filter

Filter objects and folders

Show

Live objects only

<input type="checkbox"/>	Name	Size	Type	Created	Storage class	Last modified	Public access	Version
<input type="checkbox"/>	netflix_titles.csv	3.4 MB	text/csv	Mar 10, 2025, 10:20:55 PM	Standard	Mar 10, 2025, 10:20:55 PM	Not public	—
<input type="checkbox"/>	persona.data	7.3 KB	application/octet-stream	Feb 26, 2025, 10:05:42 PM	Standard	Feb 26, 2025, 10:05:42 PM	Not public	—
<input type="checkbox"/>	salida/	—	Folder	—	—	—	—	—

Autosave On

2

Python

```
netflix_movies_ruta = "gs://dmc_dde_barb/archivos/netflix_titles.csv"
df_netflix = spark.read.format("CSV").option("header","true").option("delimiter",";").load(netflix_movies_ruta)
df_netflix.show()
df_netflix.show(20)
```

(2) Spark jobs

df_netflix: pyspark.sql.dataframe.DataFrame = [show_id string, type string, ... 10 more fields]

show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
1	Movie	Black Johnson Is Dead	Kirsten Johnson	NALL	United States	September 25, 2021	2020	PG-13	98 min	Documentaries	At her father's...
2	TV Show	Flood & Water	NALL	Jana Ganeva, Khosi...	South Africa	September 24, 2021	2021	TV-MA	2 Seasons	International TV ...	After crossing ph...
3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tr...	NALL	September 24, 2021	2021	TV-MA	1 Season	Crime TV Shows, I...	To protect his fa...
4	TV Show	13 Birds New Ori...	NALL	NALL	NALL	September 24, 2021	2021	TV-MA	1 Season	Documentaries, Reel...	Feeds, filtration...
5	TV Show	Kota Factory	NALL	Mayur More, Viten...	India	September 24, 2021	2021	TV-MA	2 Seasons	International TV ...	In a city of coac...
6	TV Show	Midnight Pass	NALL	Manan Kate Singh, Zach...	NALL	September 24, 2021	2021	TV-MA	1 Season	TV Dramas, TV Hor...	The arrival of a ...
7	Movie	Little Pony A... Robert Gilm...	Robert Gilm...	Venessa Hudgens, ...	NALL	September 24, 2021	2021	PG	91 min	Children & Family...	Equusria's divid...
8	Movie	Sankofa	NALL	Halle Gerlach/Kofi Olanu...	United States, Gh...	September 24, 2021	1993	TV-MA	125 min	Dramas, Independe...	On a photo shoot ...
9	TV Show	The Great British...	Andy Deavours	Neil Gaiman, Sue...	United Kingdom	September 24, 2021	2021	TV-14	1 Season	British TV Shows...	A talented batch ...
10	Movie	The Starling	Theodore Melfi	Michelle McCarthy...	United States	September 24, 2021	2021	PG-13	146 min	Comedies, Dramas	A woman adjusting...
11	TV Show	Vendetta: Truth...	NALL	NALL	NALL	September 24, 2021	2021	TV-MA	1 Season	Crime TV Shows, D...	Ticily boasts a ...
12	TV Show	Bangkok Brooding	Kongkiat Komsri...	Shallawatt Kanom...	NALL	September 23, 2021	2021	TV-MA	1 Season	Crime TV Shows, I...	Struggling to ear...
13	Movie	Je Suis Karl	Christian Schoch	Luna Medler, Jan...	Germany, Czech Re...	September 23, 2021	2021	TV-MA	127 min	Dramas, Internati...	After most of her...
14	Movie	Confessions of an...	Bruno Garotti	Klara Castanho, L...	NALL	September 22, 2021	2021	TV-PG	91 min	Children & Family...	When the clever b...
15	TV Show	Crime Stories: In...	NALL	NALL	NALL	September 22, 2021	2021	TV-MA	1 Season	British TV Shows...	Cameras following...
16	TV Show	Dear White People	NALL	Logan Browning, S...	United States	September 22, 2021	2021	TV-MA	4 Seasons	TV Comedies, TV D...	Students of colo...
17	Movie	Europe's Most Den...	Pedro de Chaves	NALL	NALL	September 22, 2021	2020	TV-MA	67 min	Documentaries, Doc...	Declassified docu...
18	TV Show	Falsa Identidad	NALL	Luis Ernesto Fran...	Peru	September 22, 2021	2020	TV-MA	13 Seasons	Crime TV Shows, S...	Strangers: Bloop...