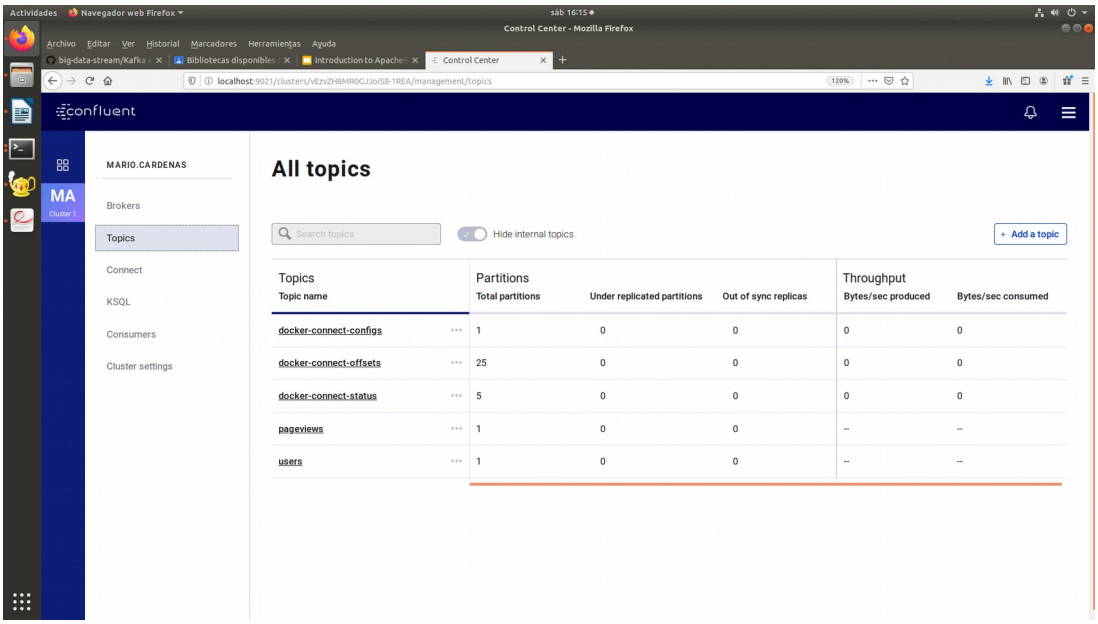
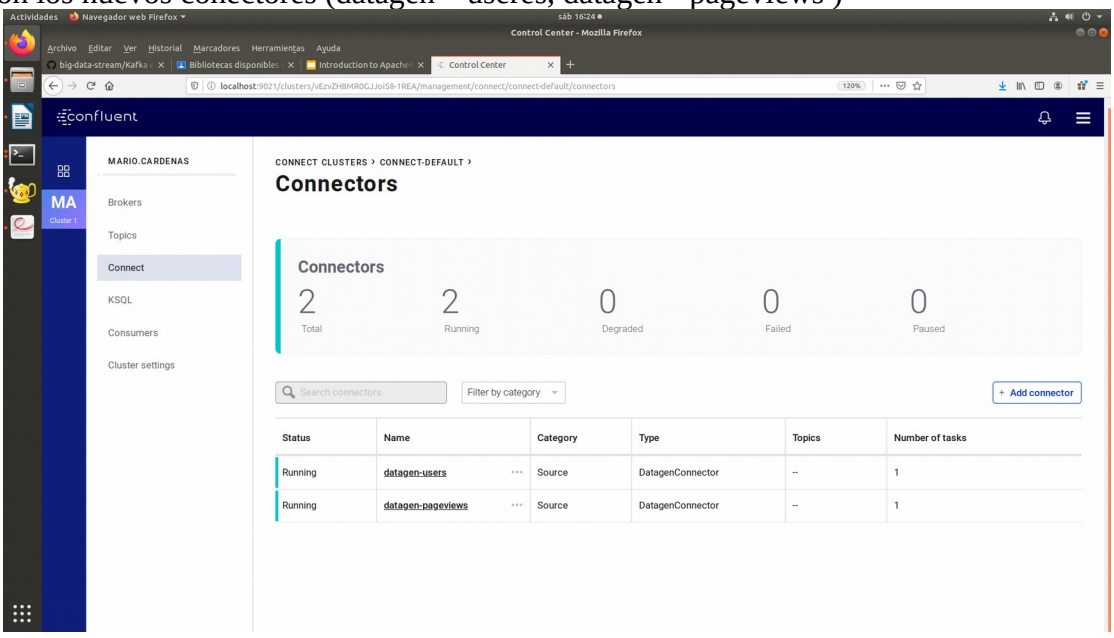
Reporte de la practica 2

Mario Fernando Cárdenas Pérez

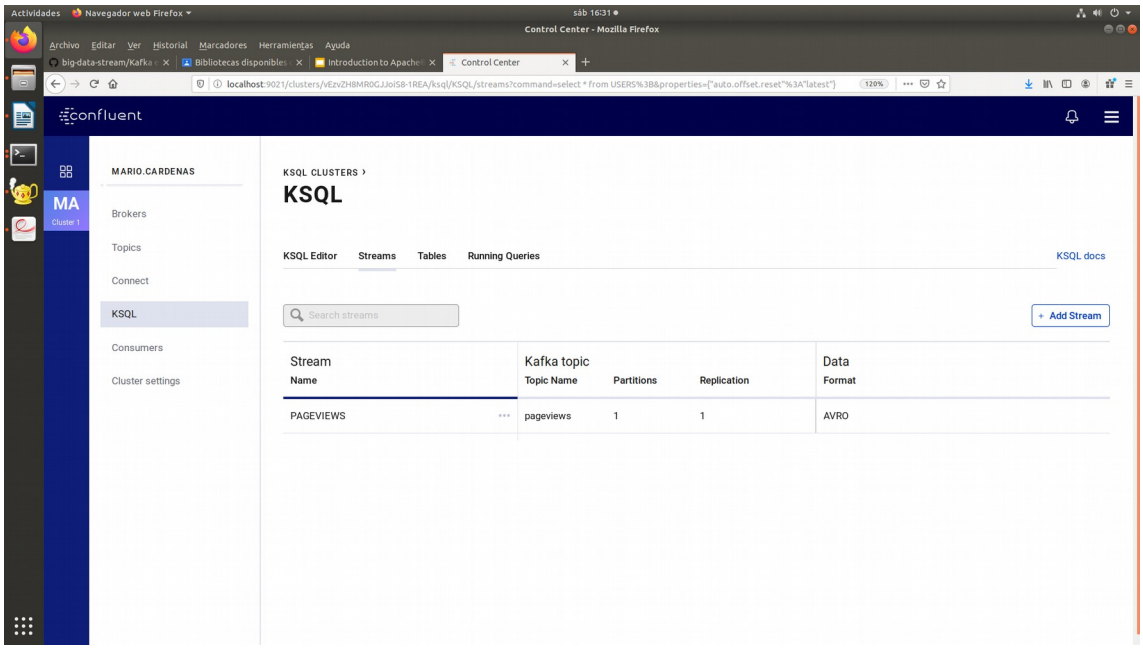
Aquí se muestran los topics que cree (users y pageviews)

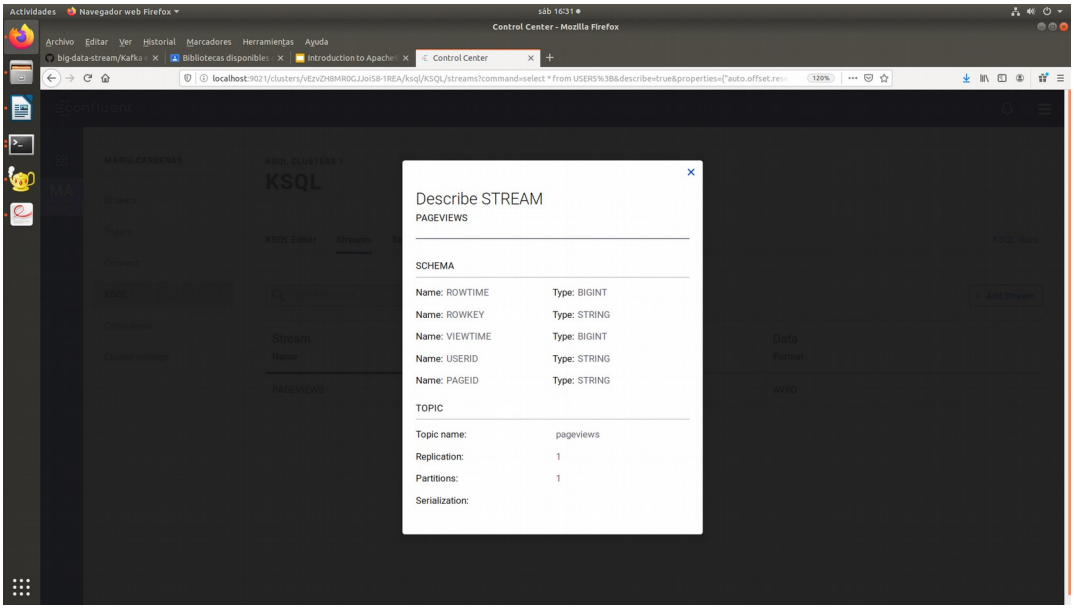



Se crearon los nuevos conectores (datagen – useres, datagen - pageviews )

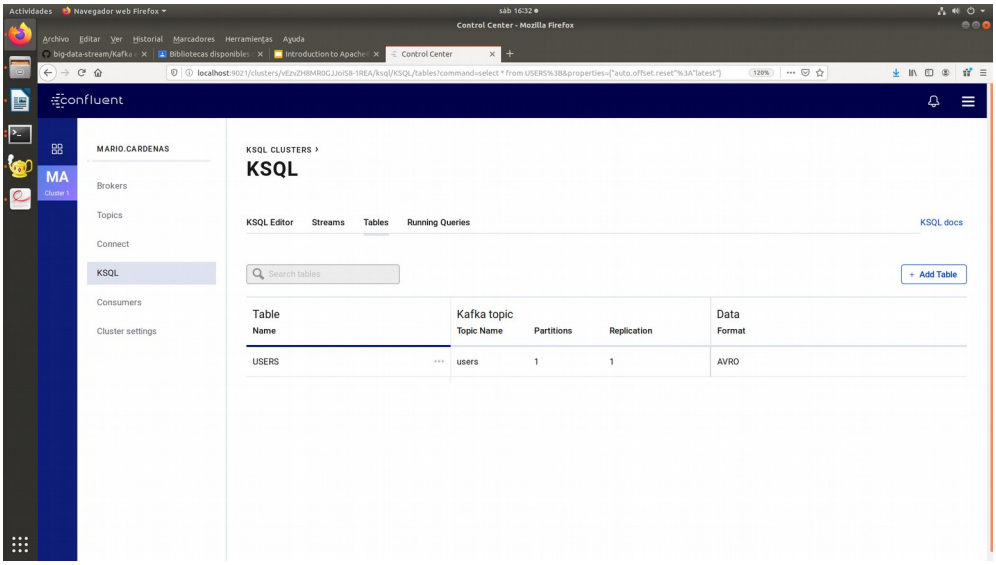


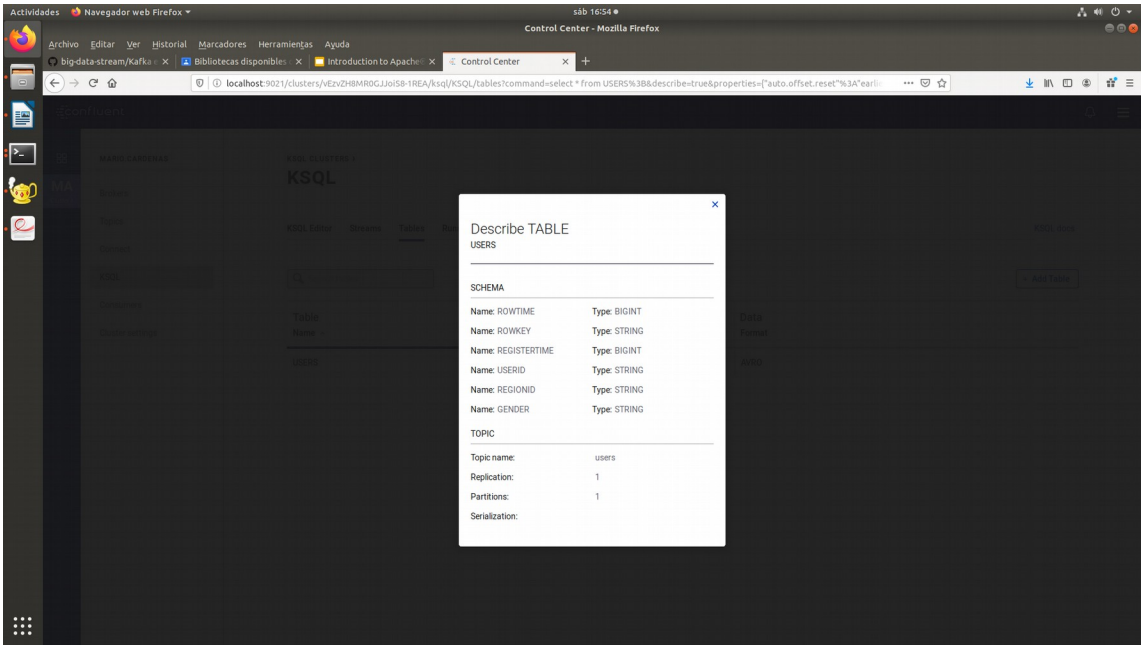
Se creo un stream en KSQL:



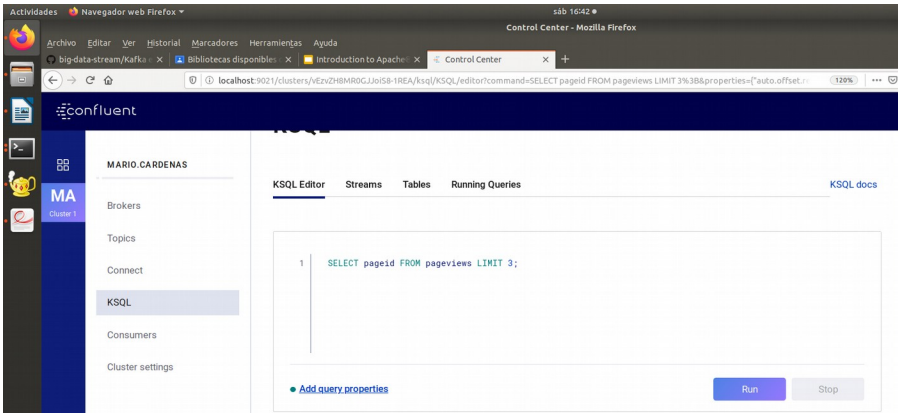



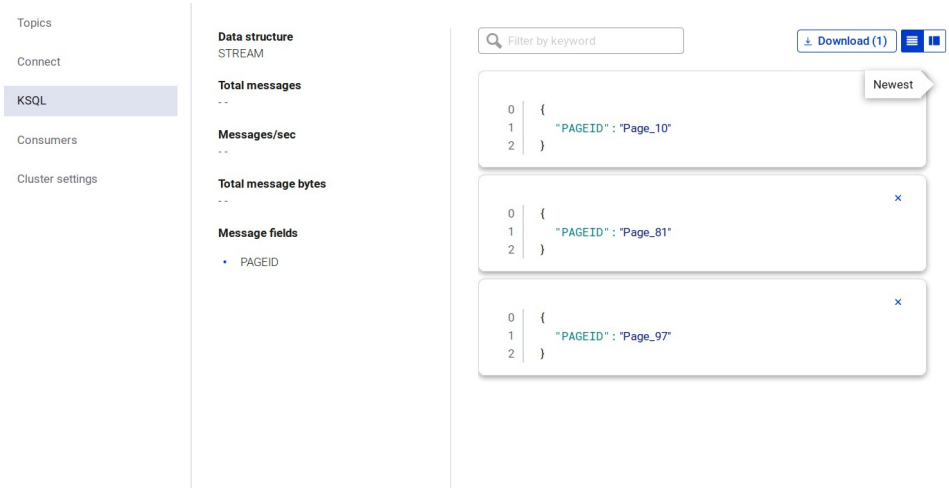

Tambien se creo la tabla users:


Actividades
Navegador web Firefox
sáb 16:32
Control Center - Mozilla Firefox
Archivo Editar Ver Historial Marcadores Herramientas Ayuda
Control Center
localhost:9021/clusters/vEzvZH8MR0GJJoiS8-1REA/ksql/KSQL/tables?command=select * from USERS%3B&properties={"auto.offset.reset"%3A"latest"}
confluent
MARIO.CARDENAS
MA
Cluster 1
Brokers
Topics
Connect
KSQL
Consumers
Cluster settings
KSQL CLUSTERS ›
KSQL
KSQL Editor
Streams
Tables
Running Queries
KSQL docs
Search tables
+ Add Table
Table
Name
Kafka topic
Topic Name
Partitions
Replication
Data
Format
USERS
users
1
1
AVRO

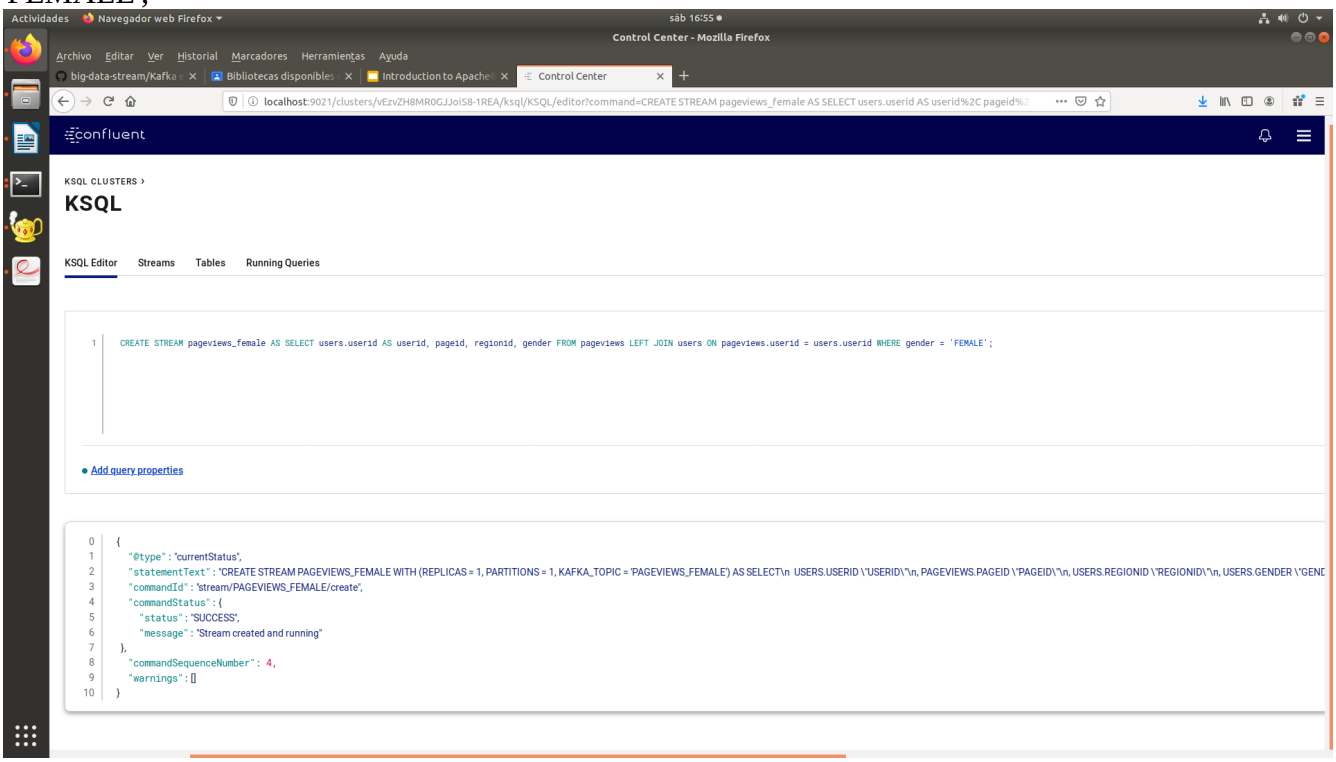

Actividades
Navegador web Firefox
sáb 16:54
Control Center - Mozilla Firefox
Archivo Editar Ver Historial Marcadores Herramientas Ayuda
Control Center
localhost:9021/clusters/vEzvZH8MR0GJJoiS8-1REA/ksql/KSQL/tables?command=select * from USERS%3B&describe=true&properties={"auto.offset.reset"%3A"earli
KSQL
Describe TABLE
USERS
SCHEMA
Name: ROWTIME
Type: BIGINT
Name: ROWKEY
Type: STRING
Name: REGISTERTIME
Type: BIGINT
Name: USERID
Type: STRING
Name: REGIONID
Type: STRING
Name: GENDER
Type: STRING
TOPIC
Topic name:
users
Replication:
1
Partitions:
1
Serialization:

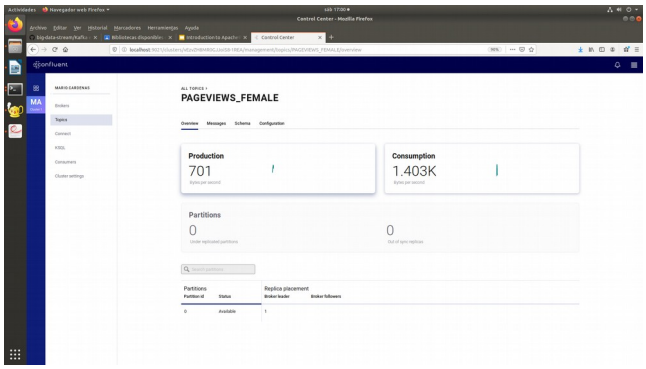
Ahora haremos varios querys en KSQL:

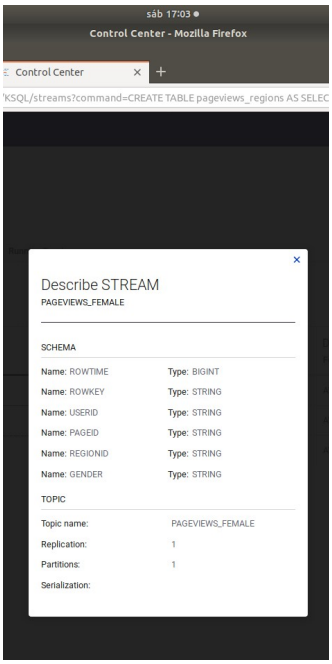


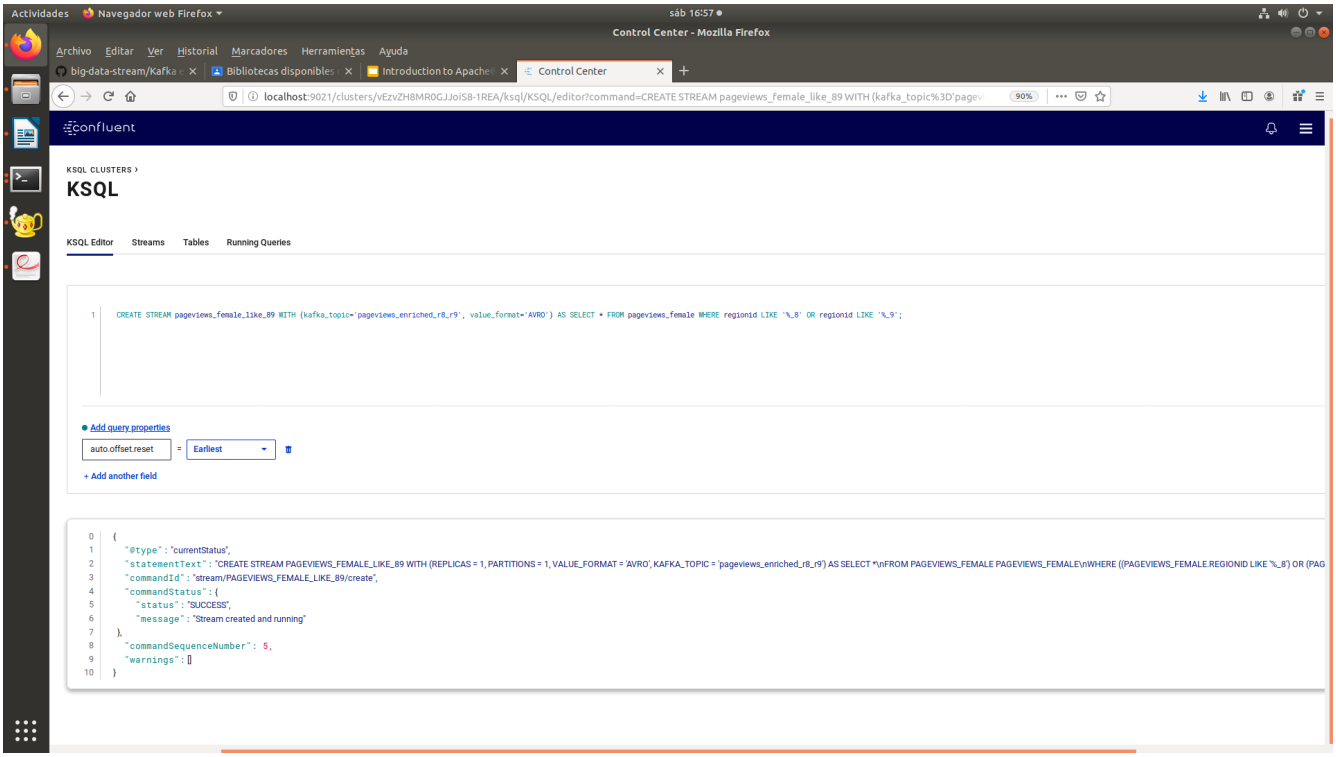
CREATE STREAM pageviews_female AS SELECT users.userid AS userid, pageid, regionid, gender FROM pageviews LEFT JOIN users ON pageviews.userid = users.userid WHERE gender = 'FEMALE';

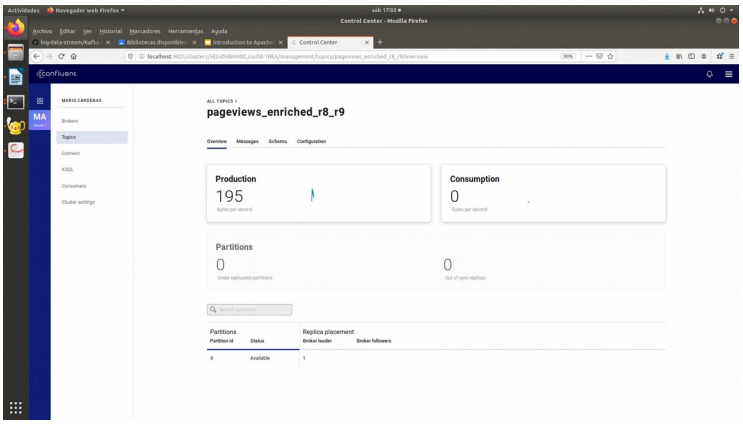


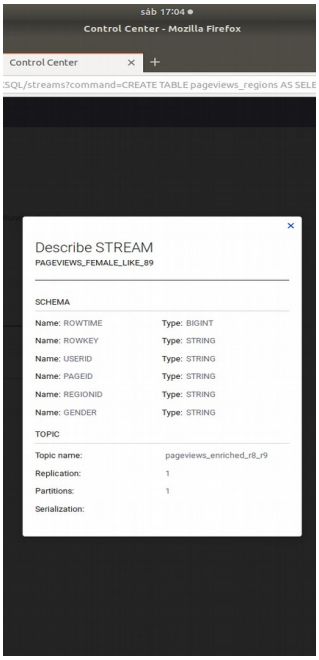



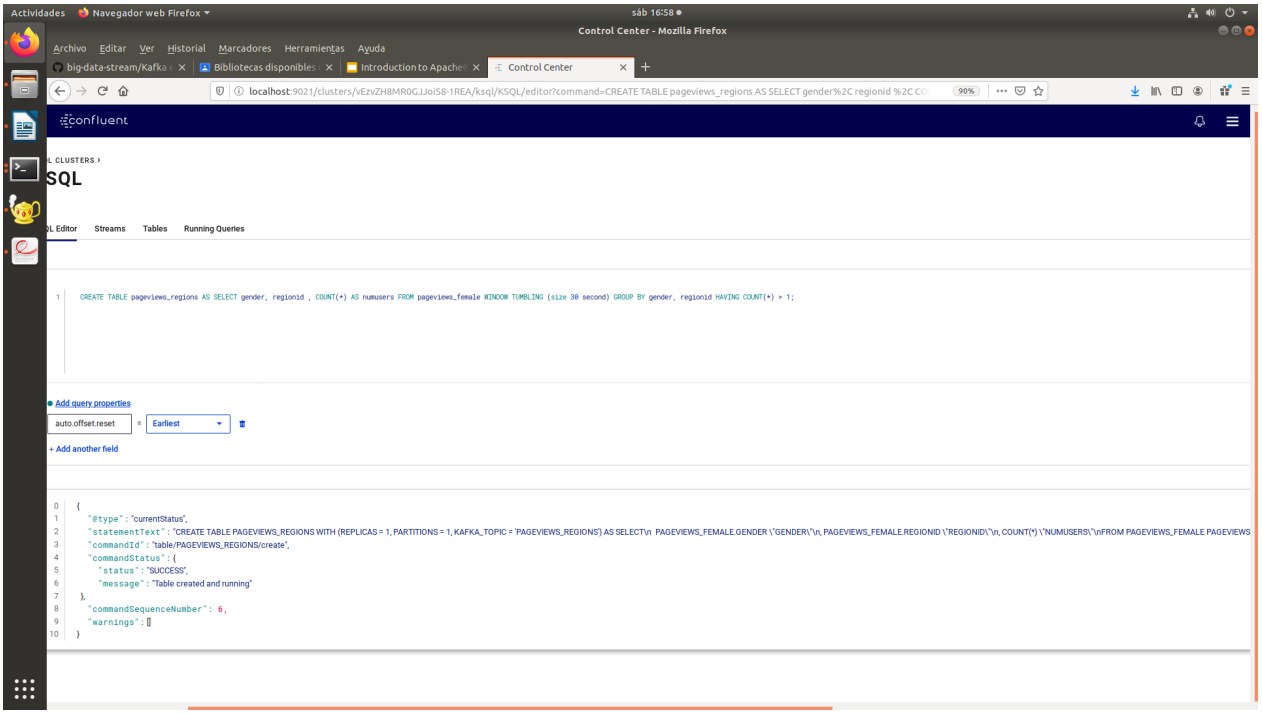
CREATE STREAM pageviews_female_like_89 WITH (kafka_topic='pageviews_enriched_r8_r9', value_format='AVRO') AS SELECT * FROM pageviews_female WHERE regionid LIKE '%_8' OR regionid LIKE '%_9';

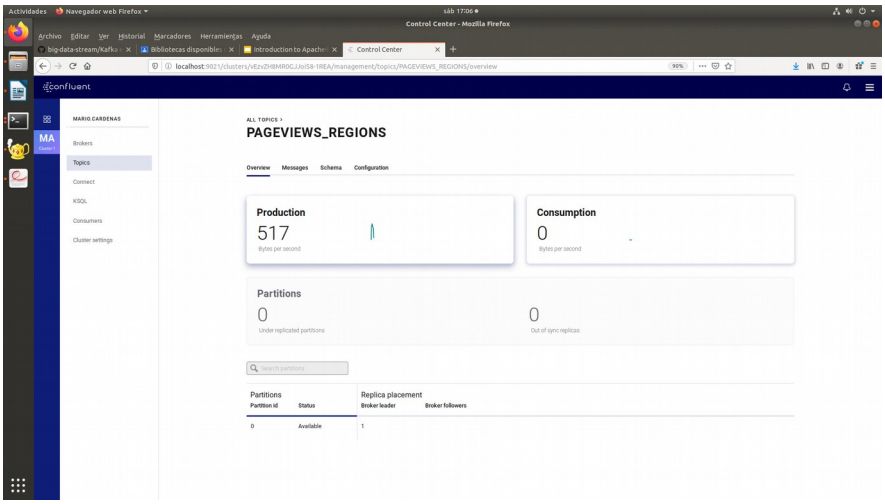


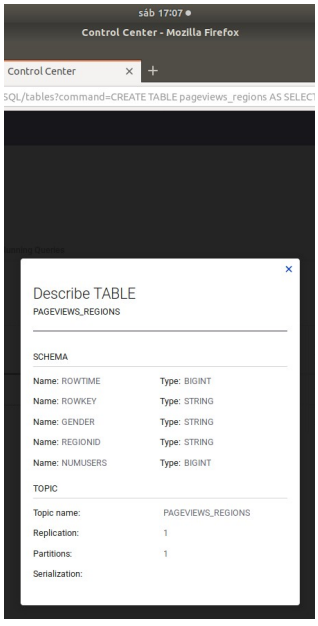



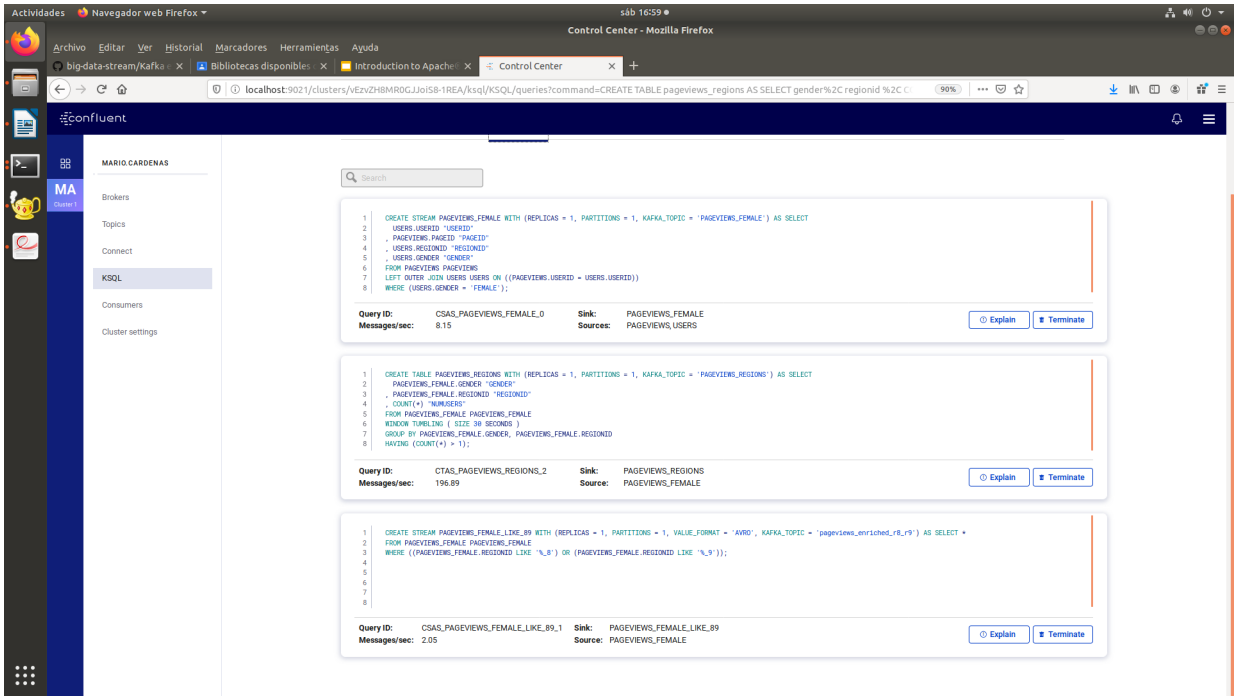



CREATE TABLE pageviews_regions AS SELECT gender, regionid , COUNT(*) AS numusers FROM pageviews_female WINDOW TUMBLING (size 30 second) GROUP BY gender, regionid HAVING COUNT(*) > 1;

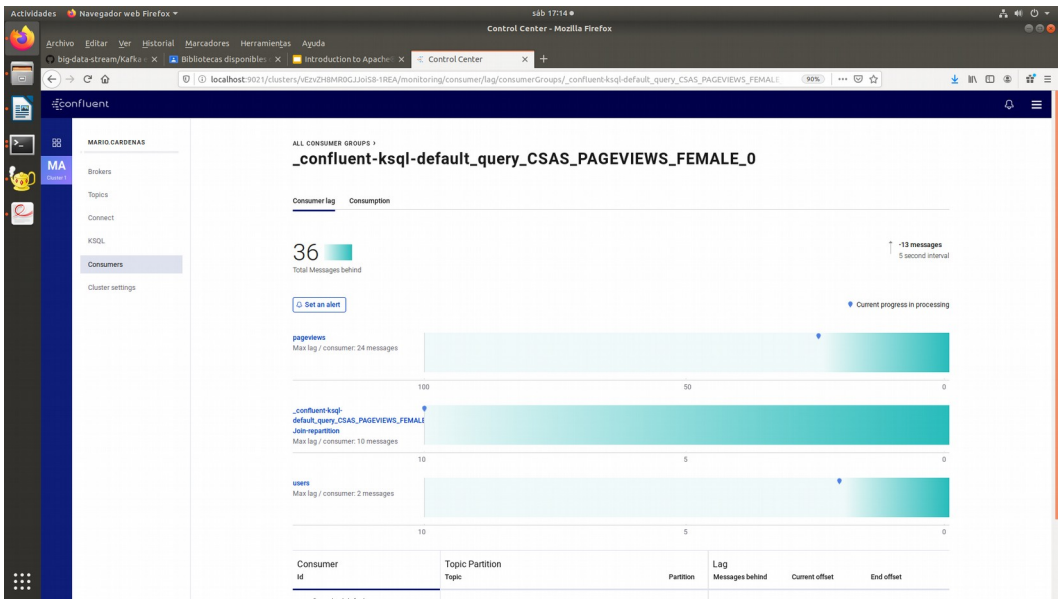


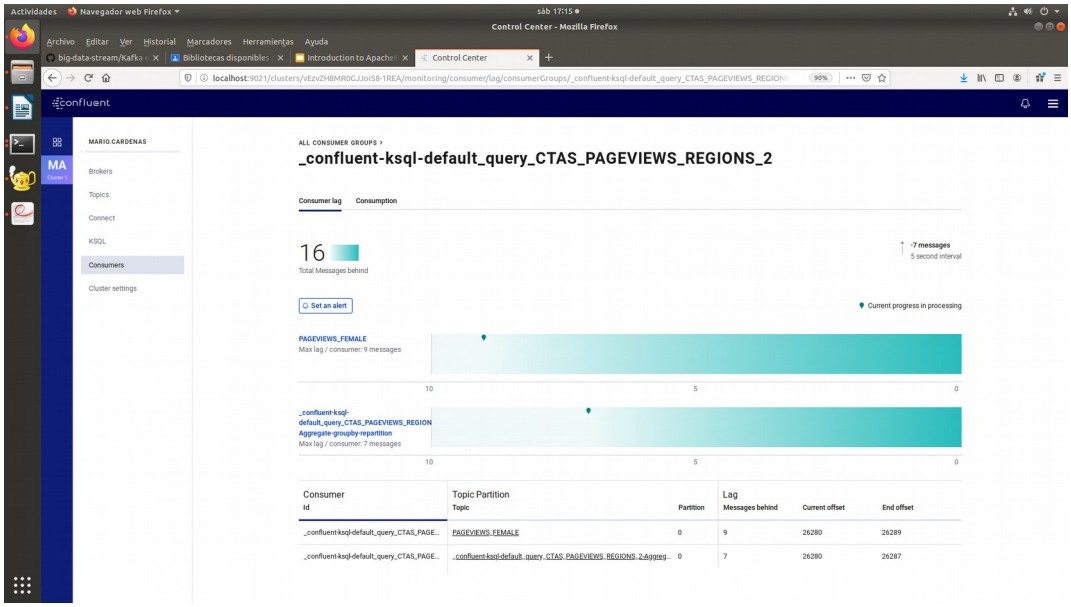



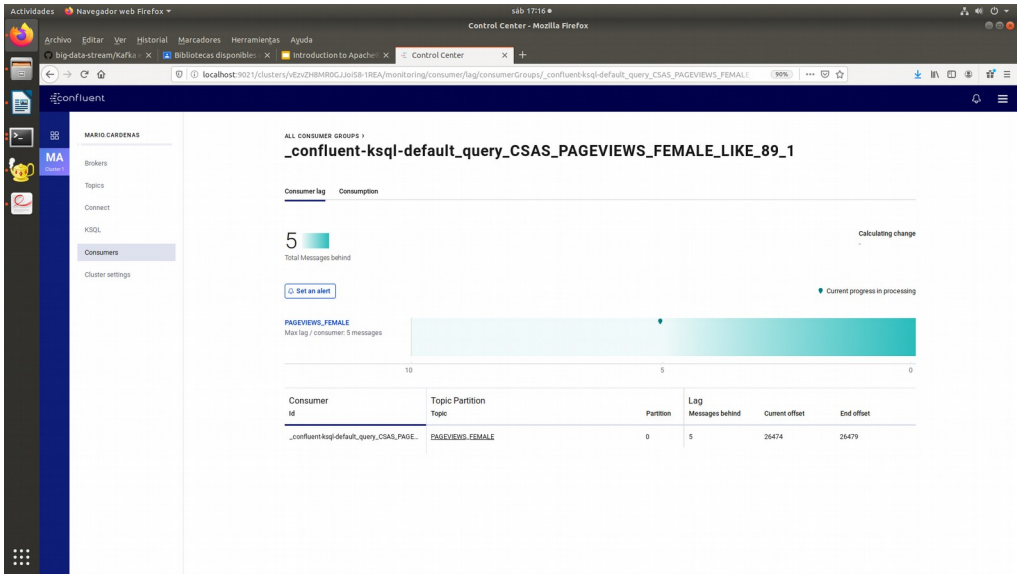






http://localhost:9021/monitoring/consumer/lag/consumerGroups



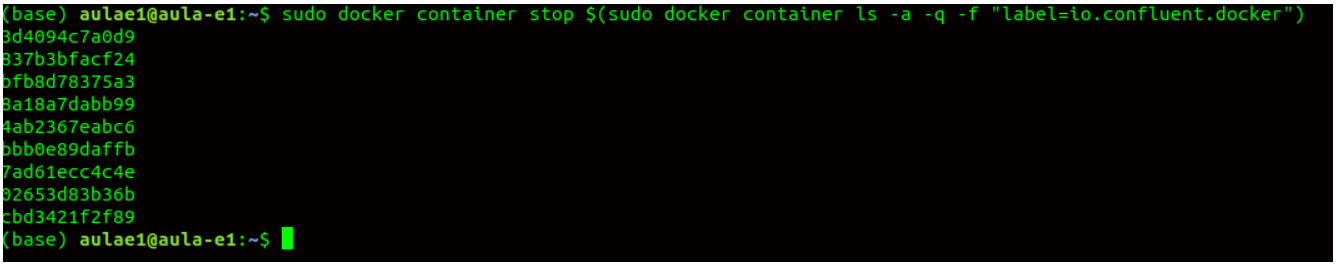


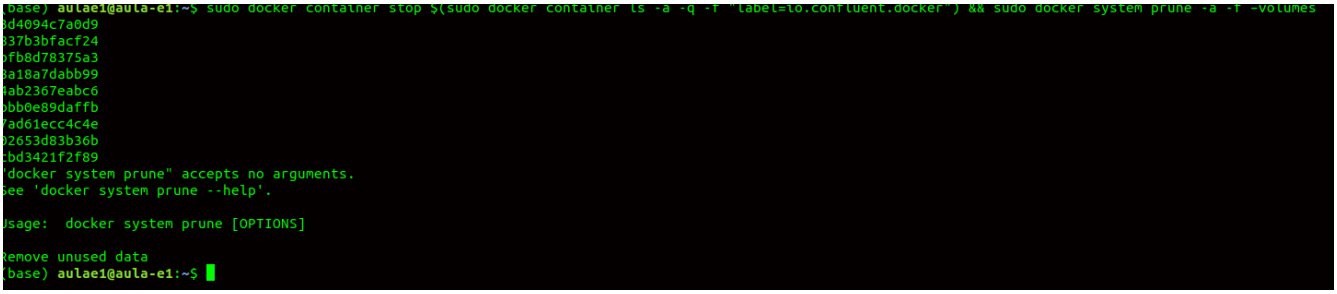

Ahora bajamos el docker:

docker container ls -aq  o docker-compose down

docker container stop $(docker container ls -a -q -f "label=io.confluent.docker")




docker container stop $(docker container ls -a -q -f "label=io.confluent.docker") && docker system prune -a -f –volumes



```
(base) aulae1@aula-e1:~$ sudo docker system prune -a -f
Deleted Containers:
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837b3bfacf242a6f379e673a5b1f891b4a1c5e61788e7955560c27627f8b48af
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3a18a7dabb9995e75ff09e185d90f735d6d3f1443a2b15319a3650e43dd10b58
4ab2367eabc6a15dae506650dff81dc9b41e3fd8d041d0062eca0f011ca9bb96
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02653d83b36b906746313e056e054f9e48e90e25d4da38d191b3fba46bc4cbd3
cbd3421f2f89fc5c6481c9704f39eb879498b1f7871d548abeb16d186652d409
19366691da7f9935a788e417b2f696d0a3da861962733cd6c8837d65be0d224c
ac6436e8ba9b44bde9319e2627e998616138cab02649a3ec3ce75cca6b870d9f
ae0ca0415cb2180798e2bcc6d07176922233f421710a7dd2d198859150af9fe9
60572e54fd5abe3620eb40802e1df1a139e16ccfd8166ed96de5b47ea3602ff9
c369cdce179bd0be9320230c870e3f81153d27cafd6c1f9c9f9b53bd7c86a359
3db3535faad67cee68ee6761bc266c92ab022064cf80e32a275ab024fb0c4c0e
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f56b6483f5cfa5e2673990f24a07fe667d2660cb08f301727a2e1d2419fa5829
9258772f8da1a68b81adf0444e5c84dcb4df845a062809c7520591e8f8237502

Deleted Networks:
docker_default
docker_gwbridge
dockerhadoop_default
dockerhadoopsparkworkbench_default

Deleted Images:
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untagged: bde2020/hadoop-datanode@sha256:e6d0827f4e3c32d5cb10584963f3aafb5fd8ba4588a7c01e9bd75c834449d850
deleted: sha256:cd83a6a7312e8ce5c0a12179f1b6d640d5f1c75671f039542f1ec0b34a7f8279
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untagged: johnsnowlabs/spark-nlp-workshop:latest
untagged: johnsnowlabs/spark-nlp-workshop@sha256:bc455147e1ded8b9aa5819769564271d2451aac6346c09c4c60fffbea14c422b
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```

```
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deleted: sha256:c45da9b237bae1c95b0e08e49b30a1f46d80ddaa4e536d16768f6331eef89e8f
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Total reclaimed space: 14.12GB
(base) aulae1@aula-e1:~$
```