Entregable Kafka

Post Work: Data Processing with Kafka end to end

- El fichero con el que se realizó este entregable es Netflix.csv disponible en https://www.kaggle.com/datasets
 (adjunto) con las siguientes columnas:
- show_id
- title
- director cast
- country
- date added
- release year
- rating
- duration
- listed in
- description
- type
- year added
- month_added
- season_count

A partir de los datos que se van recopilando en Streaming podríamos realizar recomendaciones de productos en línea basado en las preferencias del usuario.

2. Creación input data

```
1 import time
2 from json import dumps
3 from confluent_kafka import Producer
4 import re
5
6 # Configuración del productor
7 config = {
8 'bootstrap.servers': 'localhost:9092', # Cambia esto con la dirección de tu servidor Kafí
9 'client.id': 'python-producer'
10 }
11
12 # Crear un productor
13 producer = Producer(config)
14
15

PRODLEMAS (38) SALDA CONSOLA DE DEPURACIÓN TERMINAL PUERTOS

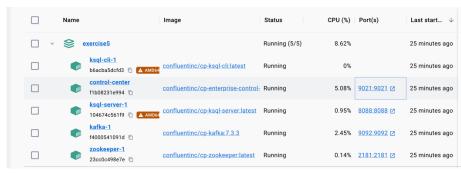
"As her father nears the end of his life, filmmaker Kirsten Johnson stages his death in inventive and comical ways to help them both face the inevitable."

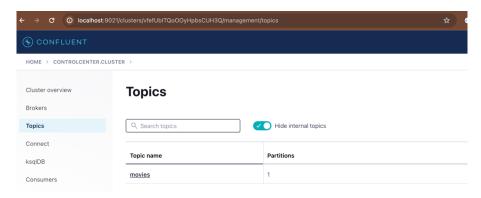
s2,TV Show,Blood & Water,, "Ama Qamata, Khosi Ngema, Gail Mabalane, Thabang Molaba, Dillon Windvogel, Natasha Thaba ne, Arno Greeff, Kolile Tshabalala, Getmore Sithole, Cindy Mahlangu, Ryle De Morny, Greteli Fincham, Sello Maake K a-Neube, Odwa Gwanya, Mekaila Mathys, Sandi Schultz, Duane Williams, Shamila Hiller, Patrick Mofokeng*, South Afri ca, 'September 24, 2021', 2021, TV-HA, 2 Seasons', 'International TV Shows, TV Dramas, TV Mysteries', 'After crossing pat hs at a party, a Cape Town teen sets out to prove whether a private-school swimming star is her sister who was abd ucted at birth."

s3,TV Show,Ganglands,Julien Leclercq, 'Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabiha Akkari, Sofia Lesaffre, Sal im Kechiouche, Noureddine Parihi, Geert Van Rampelberg, Bakary Diombera', 'Setpember 24, 2021', 2021, TV-HA, 1 Season, 'Crime TV Shows, Juternational TV Shows, V Notion & Adventure', 'To protect his family from a powerful drug lord, skilled thief Mehdi and his expert team of robbers are pulled into a violent and deadly turf war."

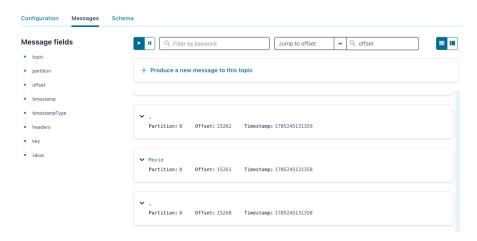
s4, TV Show, Jailbirds New Orleans, ,, 'September 24, 2021', 2021, TV-HA, 1 Season, 'Docuseries, Reality TV', 'Feuds, flir tations and toilet talk yo down among the incarcerated women at the Orleans Justice Center in New Orleans on this gritty reality series."
```

3. Enviar a Topics (movies):



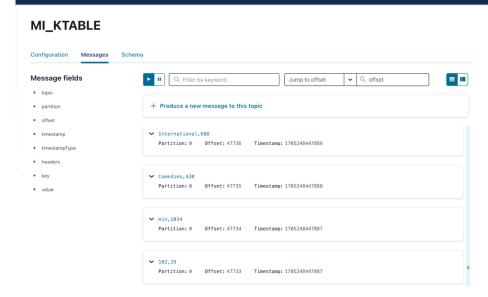


movies



4. Procesamiento con KSQL:

```
Field
        Туре
ROWTIME | BIGINT
                            (system)
           VARCHAR(STRING)
 ROWKEY
                            (system)
PALABRA | VARCHAR(STRING)
Local runtime statistics
(Statistics of the local KSQL server interaction with the Kafka topic movies)
ksql> CREATE TABLE mi_ktable AS
>SELECT palabra,
>count(*)
>FROM movies_stream
>GROUP BY palabra
>EMIT CHANGES;
Message
Table MI_KTABLE created and running. Created by query with query ID: CTAS_MI_KTABLE_2
ksql>
```



5. Resultado en terminal

