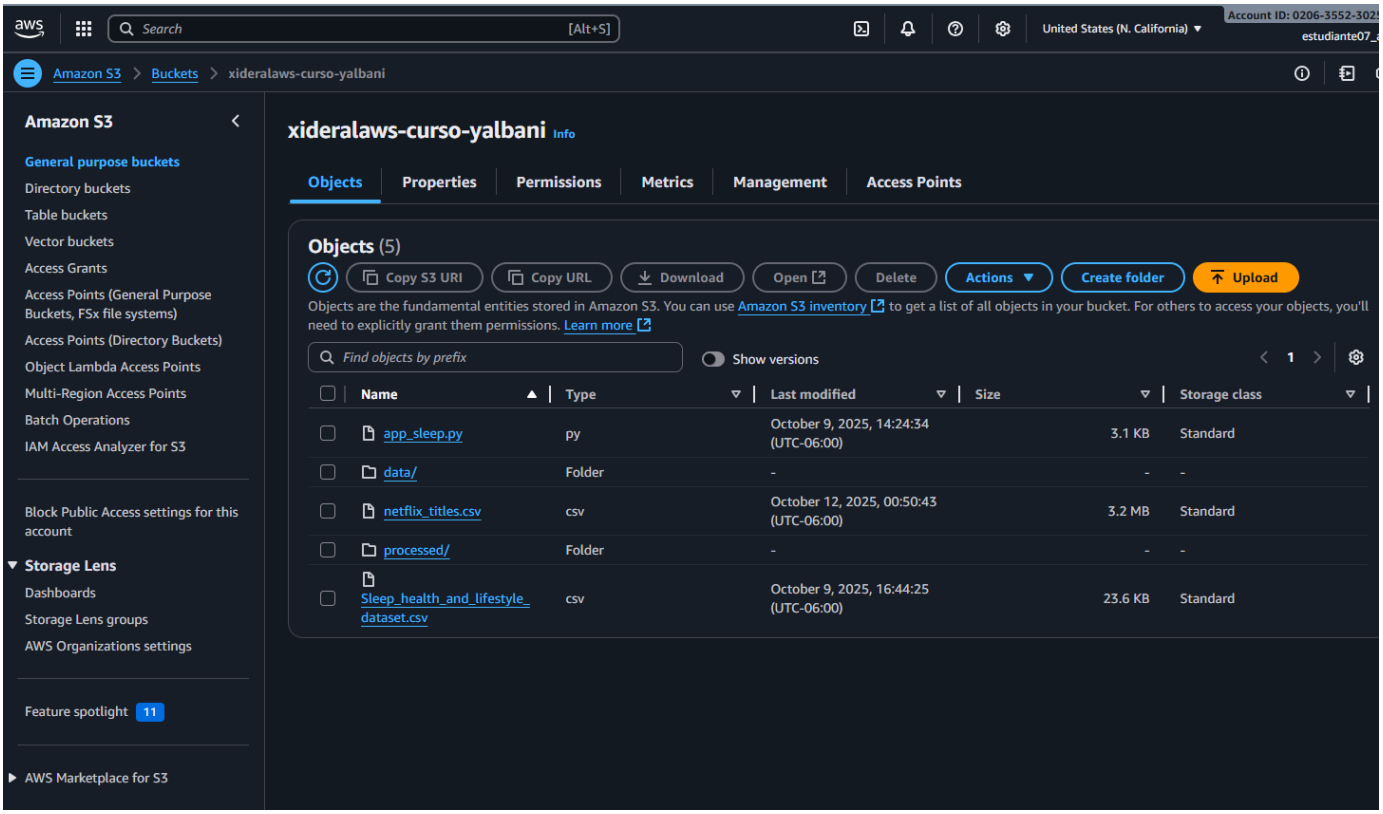
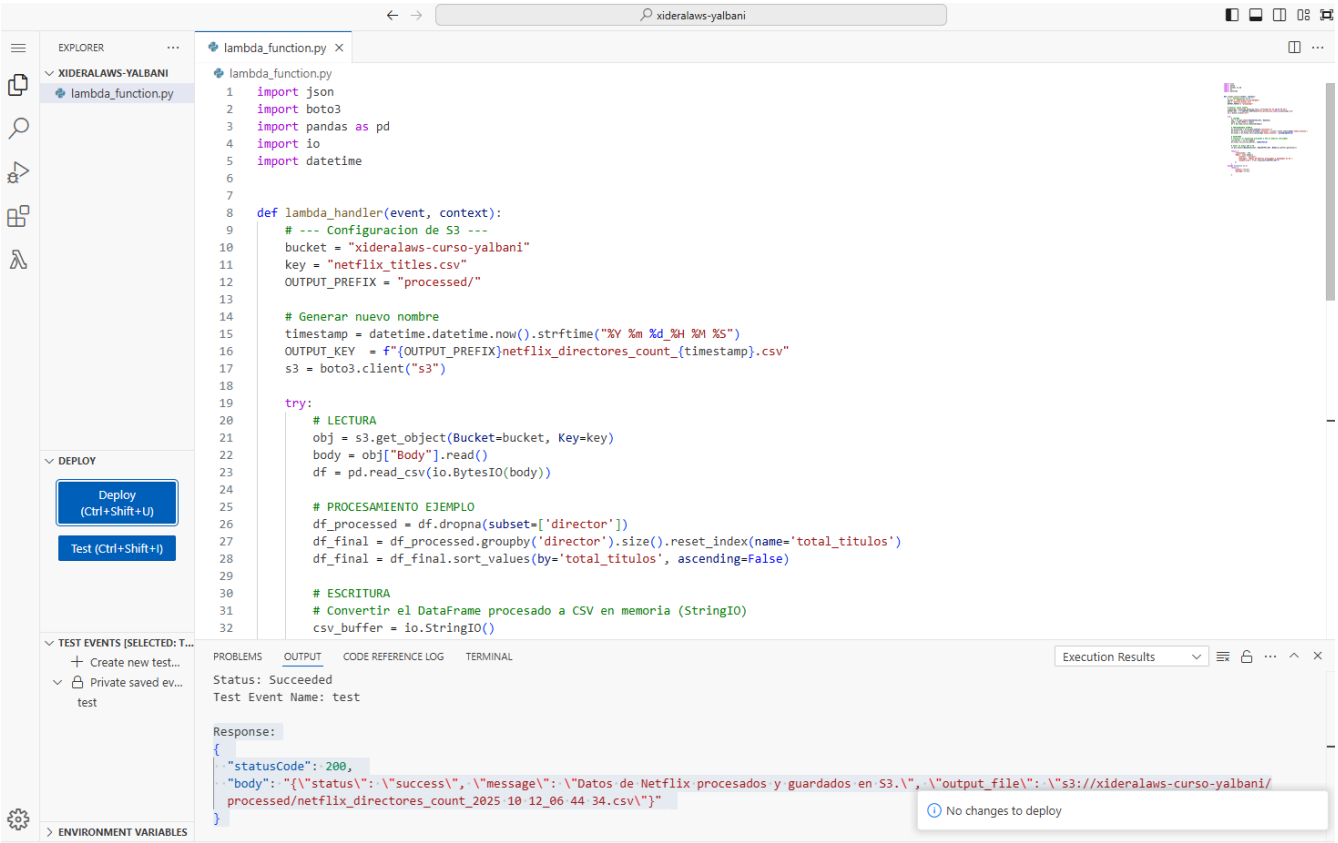
LAMBDA A STRAMLIT

- Contenido S3



- Funcion LAMBDA. Guarda procesamiento en carpeta processed



- Con el csv guardado, se activa el streamlit

jupyter app_lambda.py Last Checkpoint: 6 minutes ago

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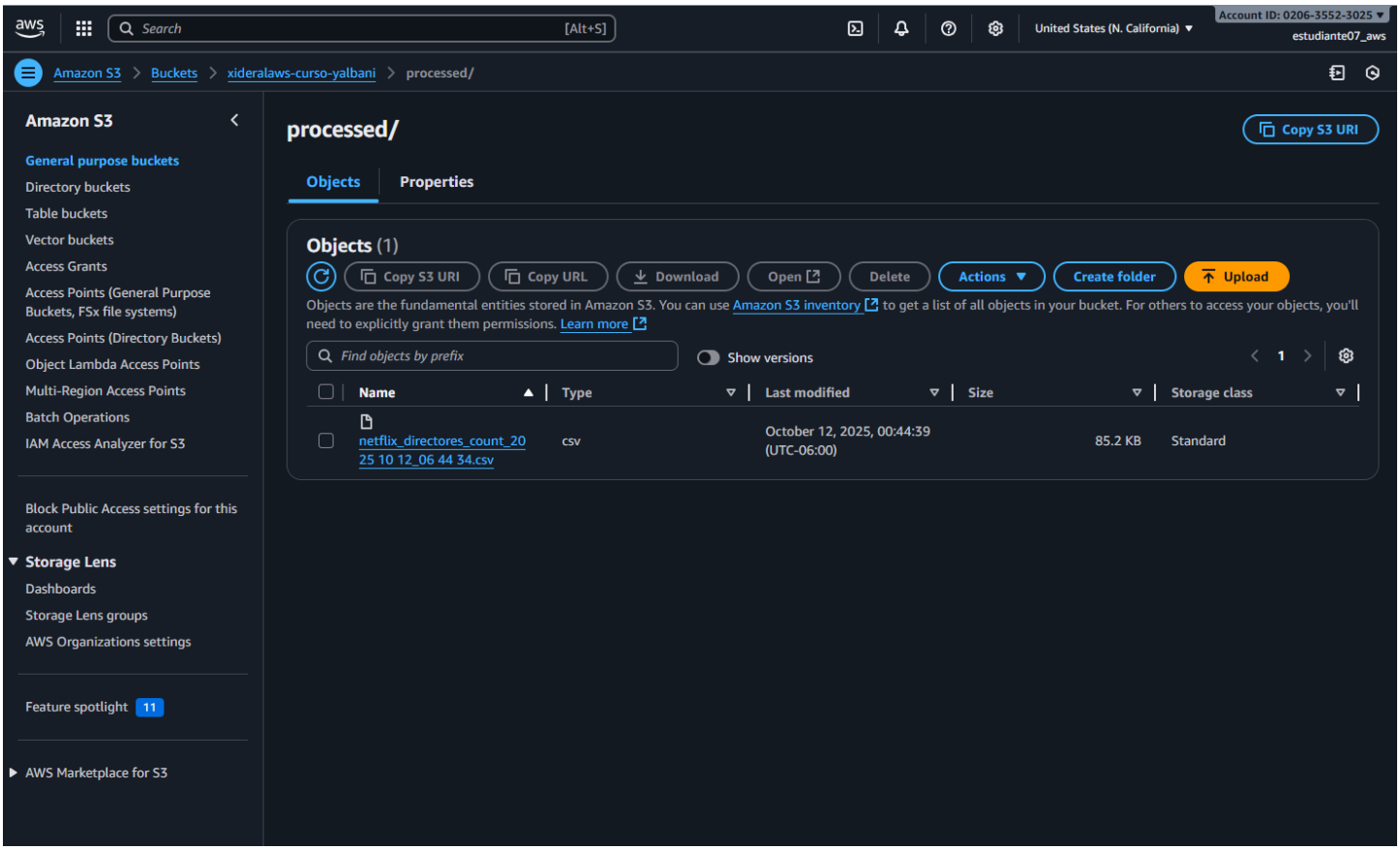
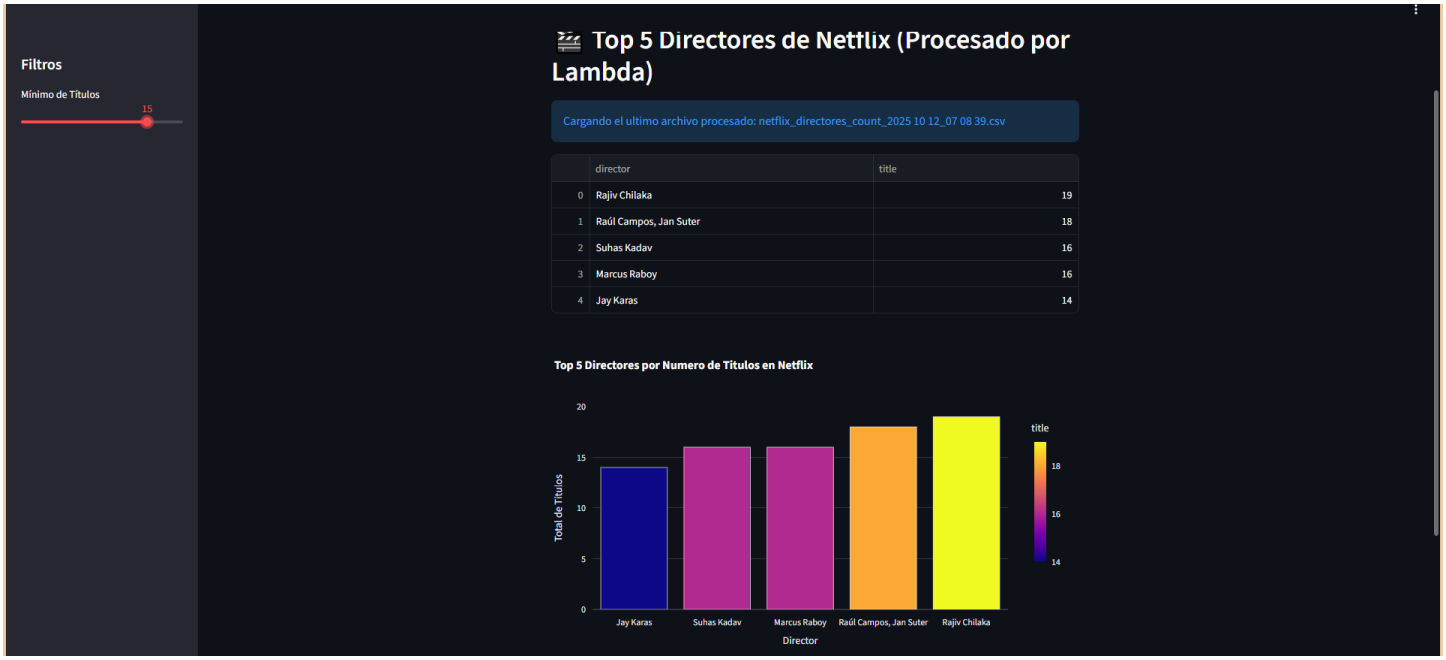
```python
import pandas as pd
import streamlit as st
import boto3
import io
import requests
import json
import plotly.express as px

# --- Carga de Datos Procesados desde S3 ---
@st.cache_data
def cargar_datos_procesados():
    s3 = boto3.client("s3")
    bucket = "xideralaws-curso-yalbani"
    OUTPUT_PREFIX = "processed/"

    try:
        # Listar todos los archivos en la carpeta procesada
        response = s3.list_objects_v2(Bucket=bucket, Prefix=OUTPUT_PREFIX)

        if "Contents" not in response:
            st.warning("Lambda no ha ejecutado el procesamiento. No se encontraron archivos procesados.")
            return pd.DataFrame()

        # Encontrar el archivo mas reciente (timestamp mas alto)
        all_files = response["Contents"]
        # Filtrar solo archivos CSV si fuera necesario, y ordenar por la ultima modificacion
        all_files = sorted(all_files, key=lambda x: x['LastModified'], reverse=True)

        # El archivo mas reciente es el primero
        latest_key = all_files[0]['Key']

        # Leer el archivo mas reciente
        st.info(f"Cargando el ultimo archivo procesado: {latest_key.split('/')[-1]}")
        obj = s3.get_object(Bucket=bucket, Key=latest_key)
        body = obj["Body"].read()

        df_final = pd.read_csv(io.BytesIO(body))
        return df_final

    except Exception as e:
        st.error(f"Error al cargar el CSV procesado desde S3: {e}")
        return pd.DataFrame()

# --- Streamlit ---
```

- Aquí se guarda el csv procesado



- Resultado Streamlit



Filtros

Mínimo de Títulos

10

👀 Detalle de Películas

	director	title
1	Raúl Campos, Jan Suter	18
2	Suhas Kadav	16
3	Marcus Raboy	16
4	Jay Karas	14
5	Cathy Garcia-Molina	13
6	Youssef Chahine	12
7	Martin Scorsese	12
8	Jay Chapman	12
9	Steven Spielberg	11
10	Don Michael Paul	10

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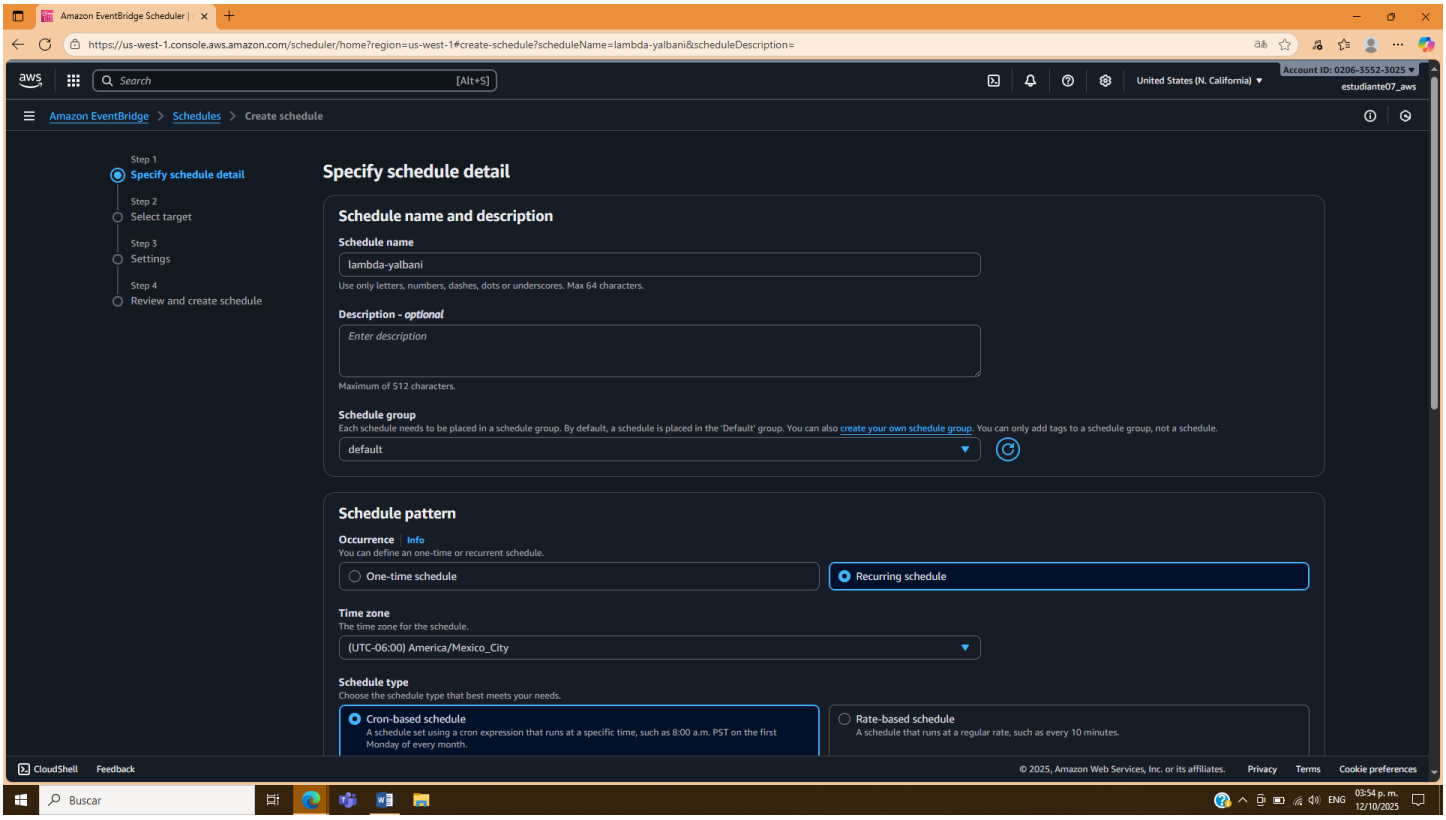

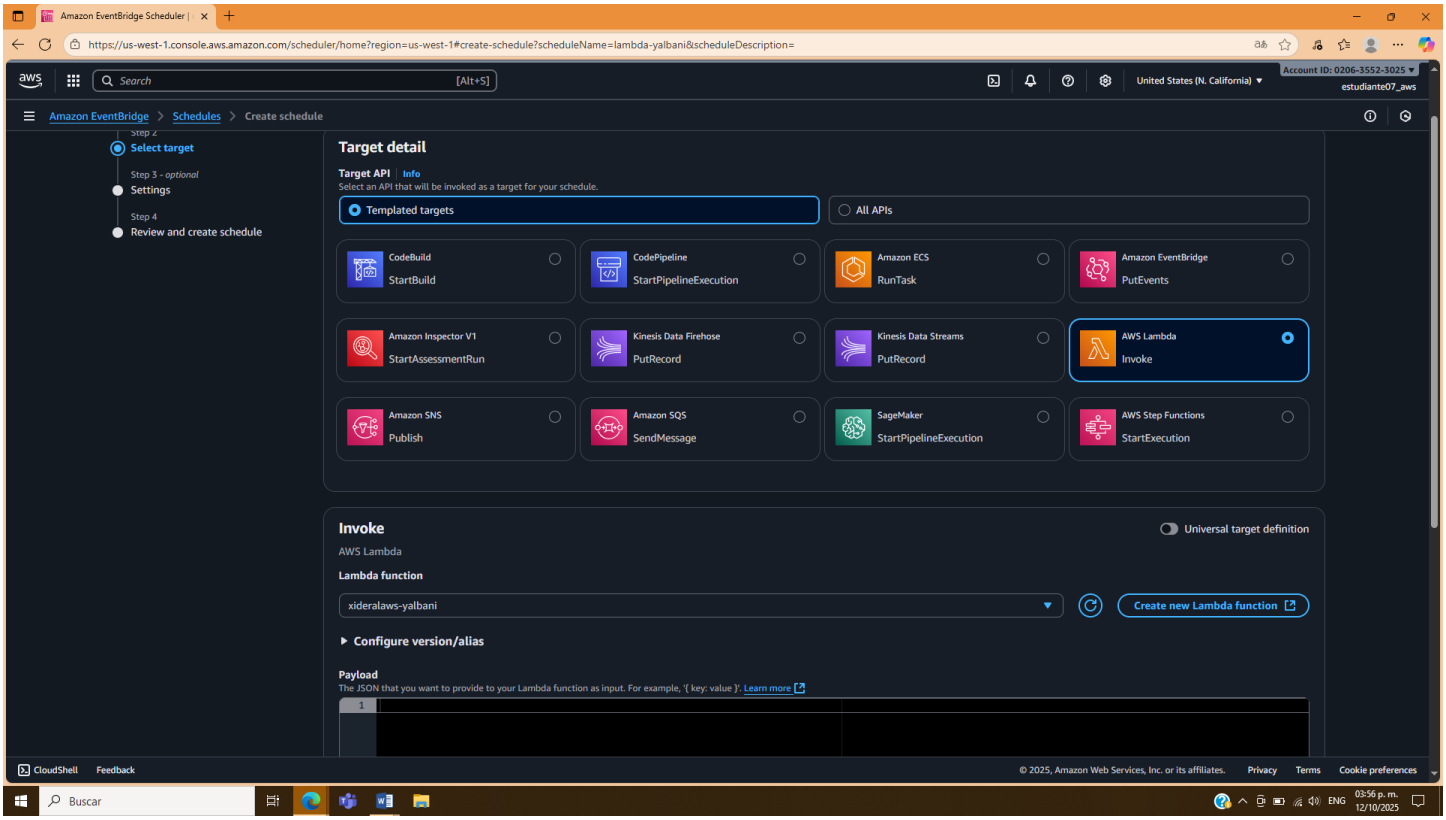

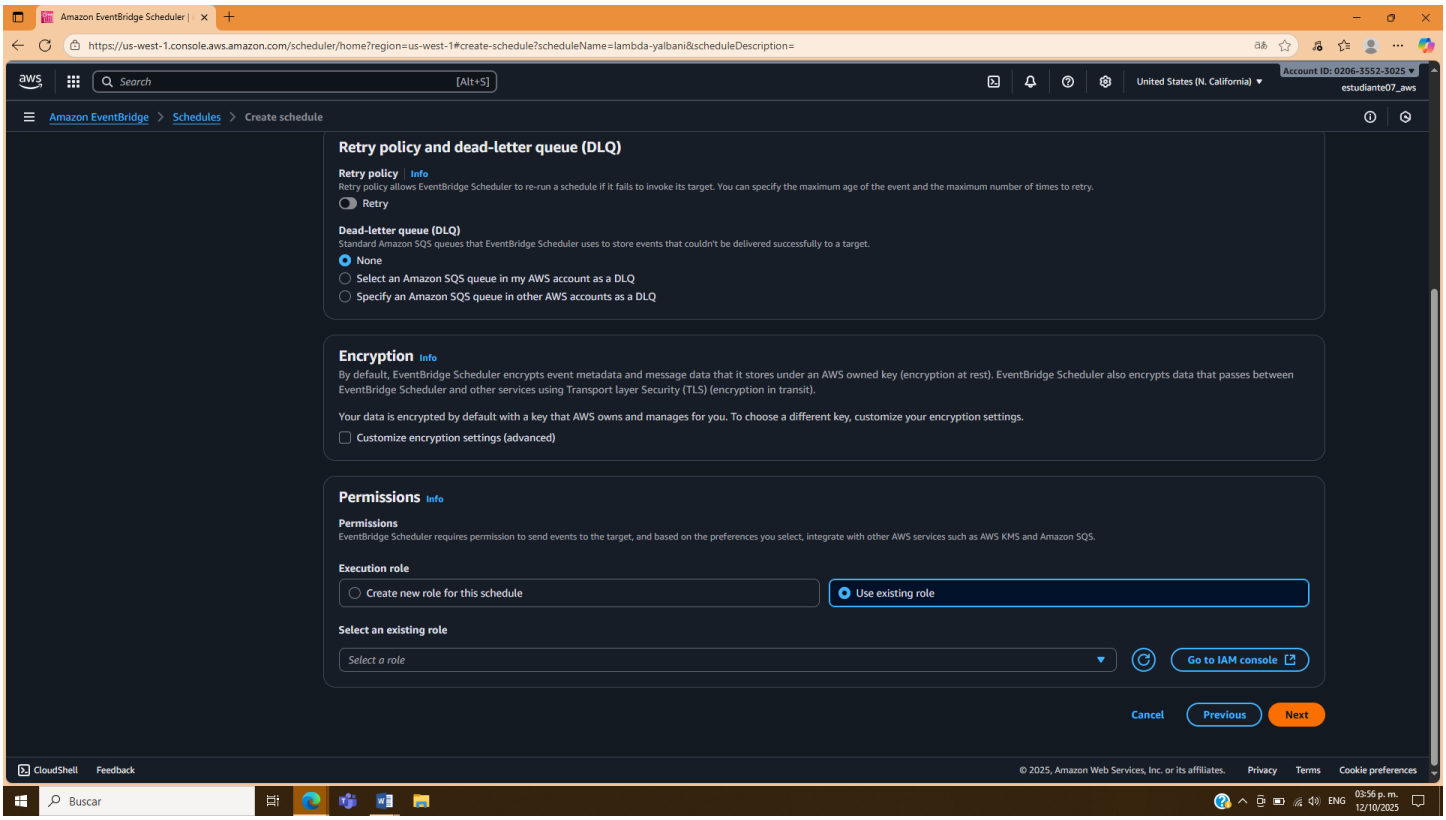
Amazon EventBridge Scheduler
https://us-west-1.console.aws.amazon.com/scheduler/home?region=us-west-1#create-schedule?scheduleName=lambda-yalbani&scheduleDescription=
Search [Alt+S]
United States (N. California)
Account ID: 0206-3552-3025
estudiante07_aws
Amazon EventBridge > Schedules > Create schedule
Retry policy and dead-letter queue (DLQ)
Retry policy Info
Retry policy allows EventBridge Scheduler to re-run a schedule if it fails to invoke its target. You can specify the maximum age of the event and the maximum number of times to retry.
Retry
Dead-letter queue (DLQ)
Standard Amazon SQS queues that EventBridge Scheduler uses to store events that couldn't be delivered successfully to a target.
None
Select an Amazon SQS queue in my AWS account as a DLQ
Specify an Amazon SQS queue in other AWS accounts as a DLQ
Encryption Info
By default, EventBridge Scheduler encrypts event metadata and message data that it stores under an AWS owned key (encryption at rest). EventBridge Scheduler also encrypts data that passes between EventBridge Scheduler and other services using Transport layer Security (TLS) (encryption in transit).
Your data is encrypted by default with a key that AWS owns and manages for you. To choose a different key, customize your encryption settings.
Customize encryption settings (advanced)
Permissions Info
Permissions
EventBridge Scheduler requires permission to send events to the target, and based on the preferences you select, integrate with other AWS services such as AWS KMS and Amazon SQS.
Execution role
Create new role for this schedule
Use existing role
Select an existing role
Select a role
Go to IAM console
Cancel
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Next
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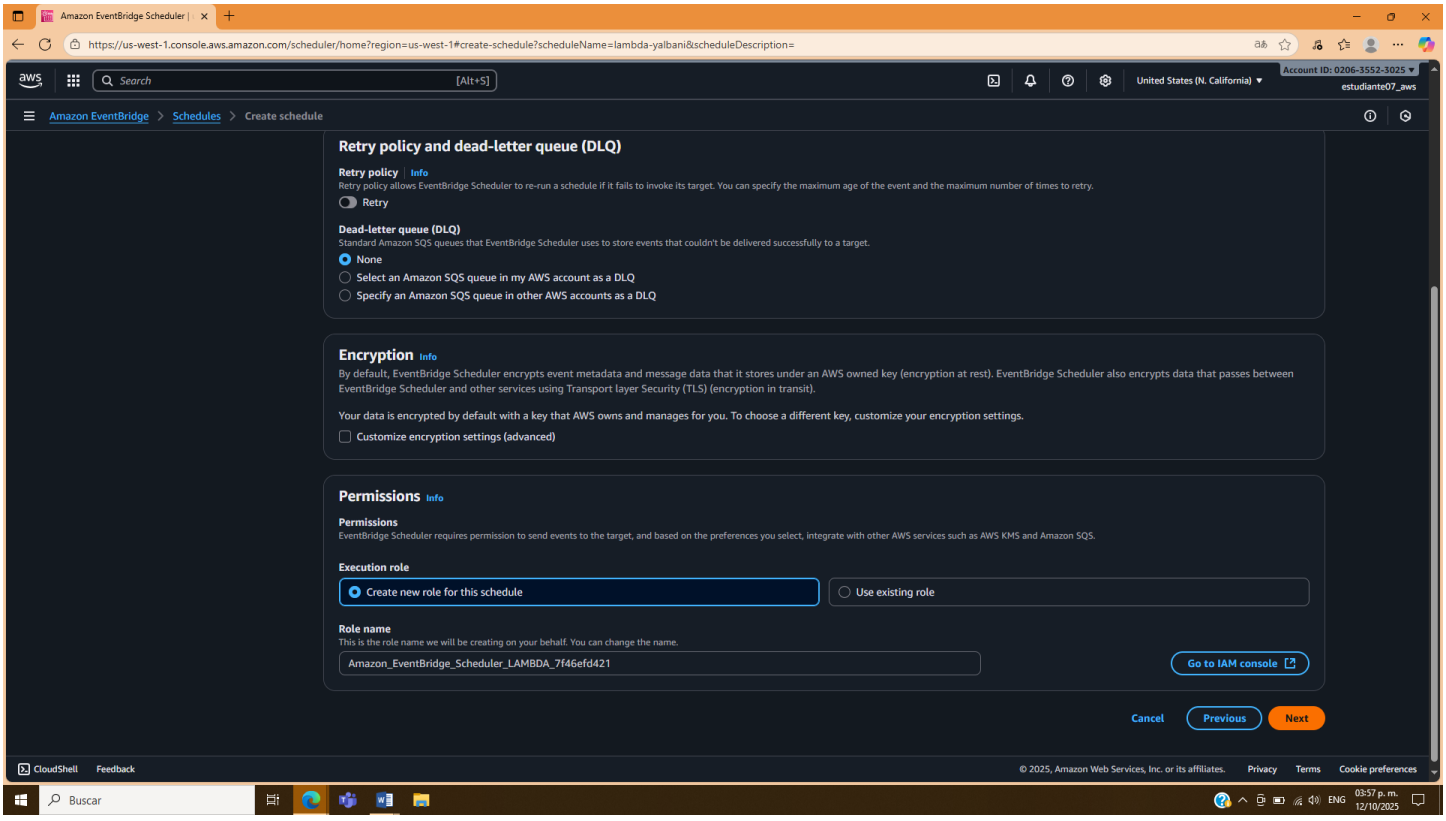
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Use existing role
Role name
This is the role name we will be creating on your behalf. You can change the name.
Amazon_EventBridge_Scheduler_LAMBDA_7f46efd421
Go to IAM console
Cancel
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