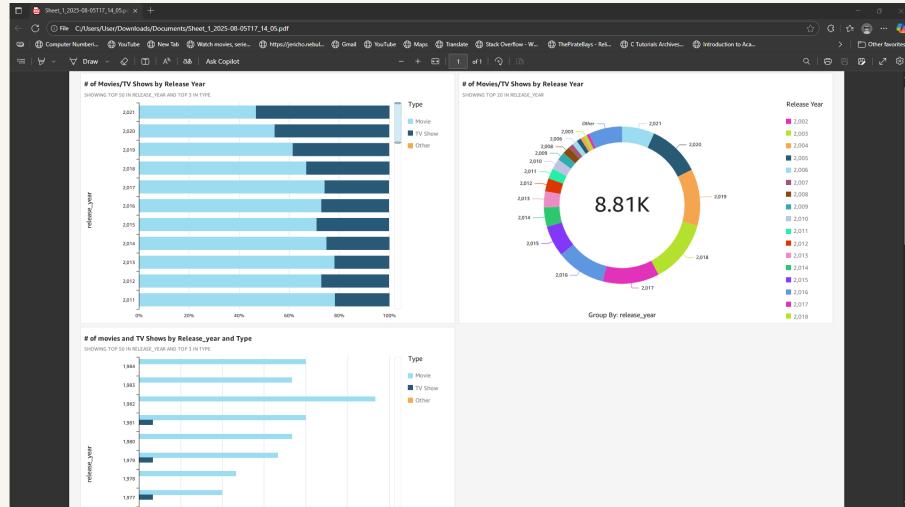




Visualize data with QuickSight



Kiprono Yegon





Introducing Today's Project!

In this project, I will demonstrate how to use Amazon QuickSight to help analyse data and create appealing visualizations I'm doing this project to learn how to analyse data with Amazon Quicksight.

Tools and concepts

Services I used were Amazon S3 and Amazo QUickSight.Key concepts I learnt include manifest.json file and data visualizations.

Project reflection

This project took me approximately two hours.The most challenging part was connecting the Amazon QuickSight with the S3 bucket. It was most rewarding to finally view the beautiful visualizations .

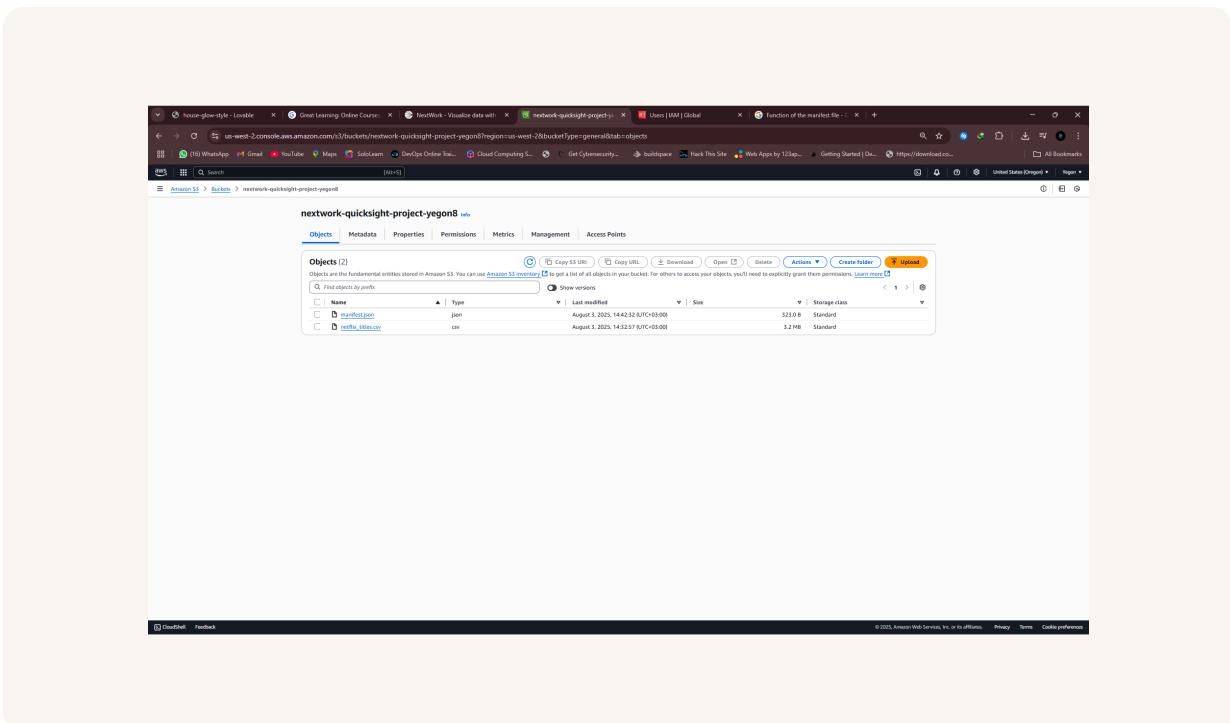
After this project, I plan to work on the AWS beginner challenge next project. I will start this project tomorrow.



Upload project files into S3

S3 is used in this project to store two files, which are the manifest.json file and the csv file

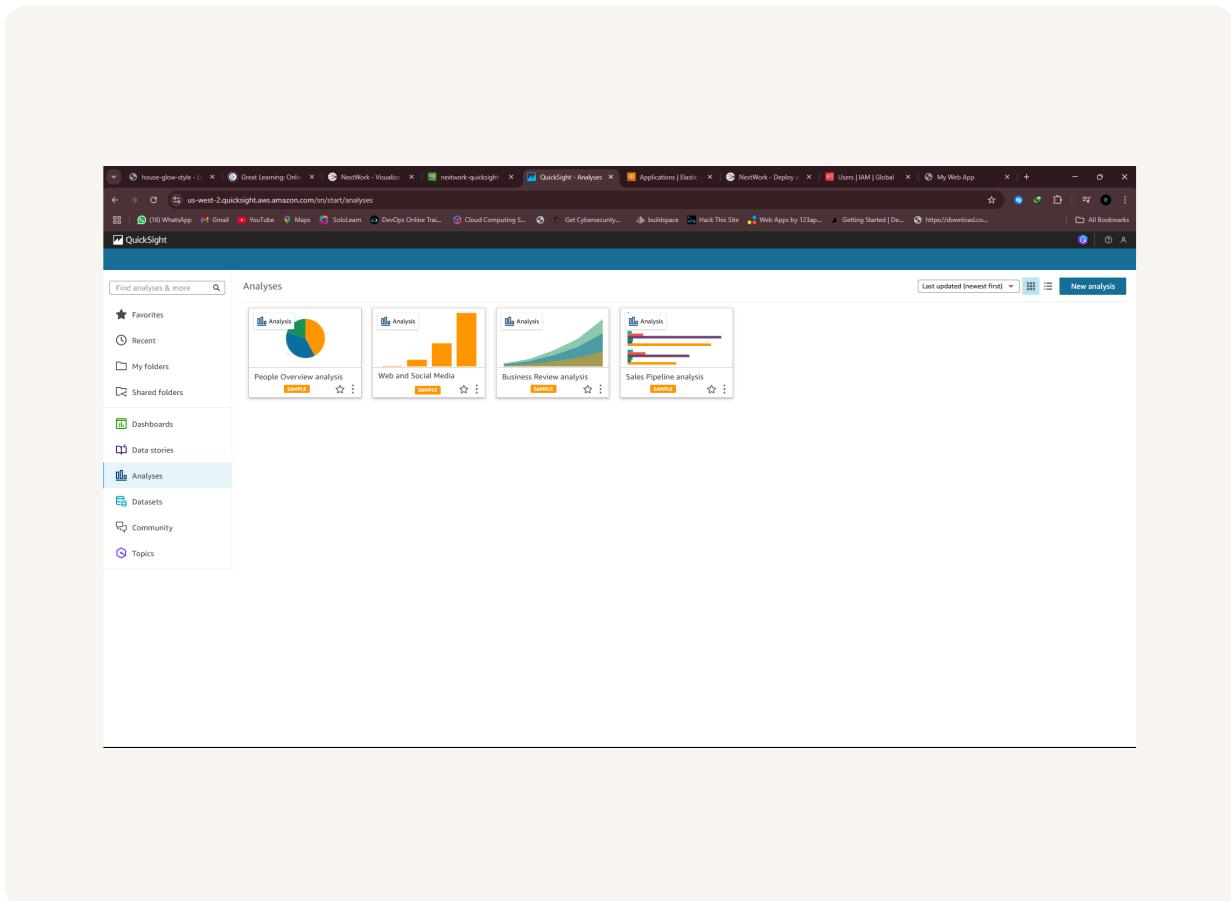
I edited the manifest.json file by replacing the URL with the S3 URL of the CSV file It's important to edit this file because it will redirect to this page



Create QuickSight account

Creating a QuickSight account cost does not cost anything as long as you follow the right procedure to create it

Creating an account took me less than five minute

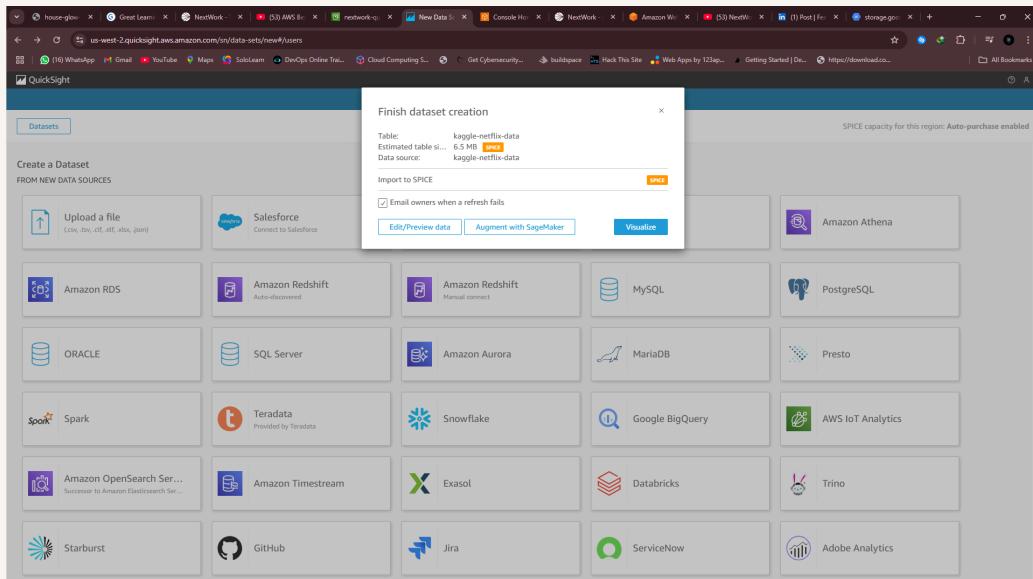




Download the Dataset

I connected the S3 bucket to QuickSight by visiting the Datasets page.

The manifest.json file was important in this step because it tells the Quicksight how to read the data that we are uploading.



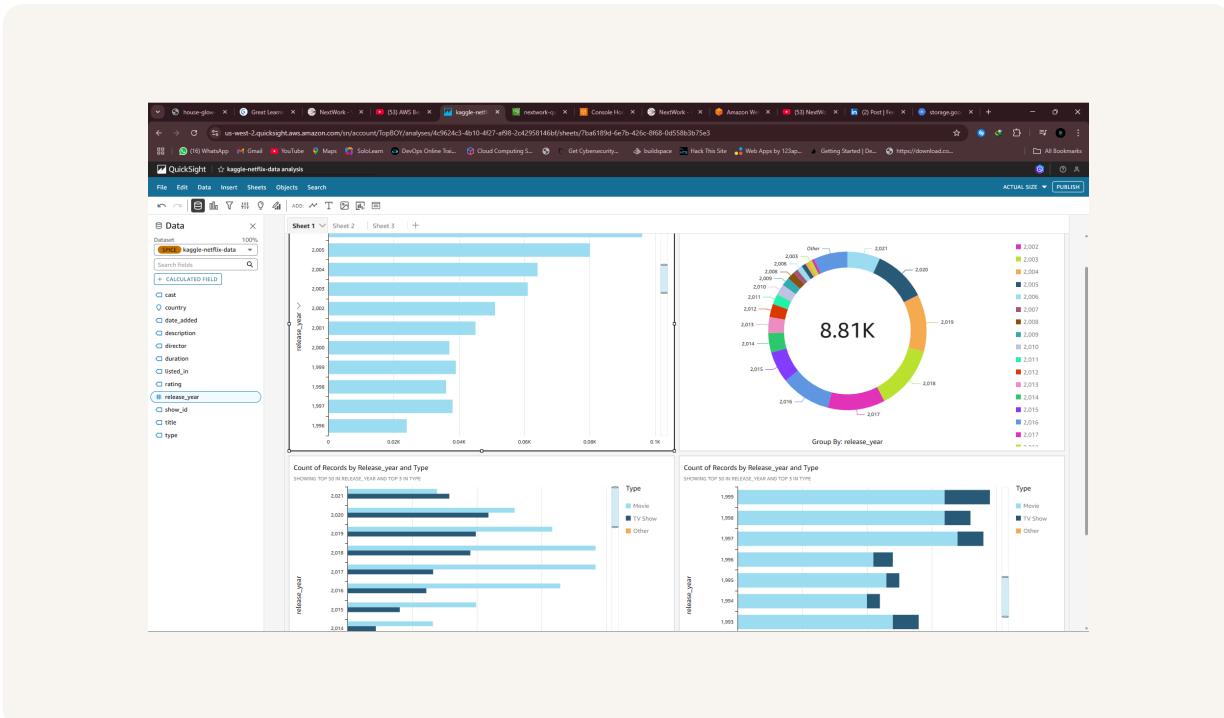


My first visualization

To create visualizations on QuickSight, I clicked on the data fields and QuickSight automatically generates the visualization type you need.

The graph shown here is a breakdown of the release years of the movies/TV shows

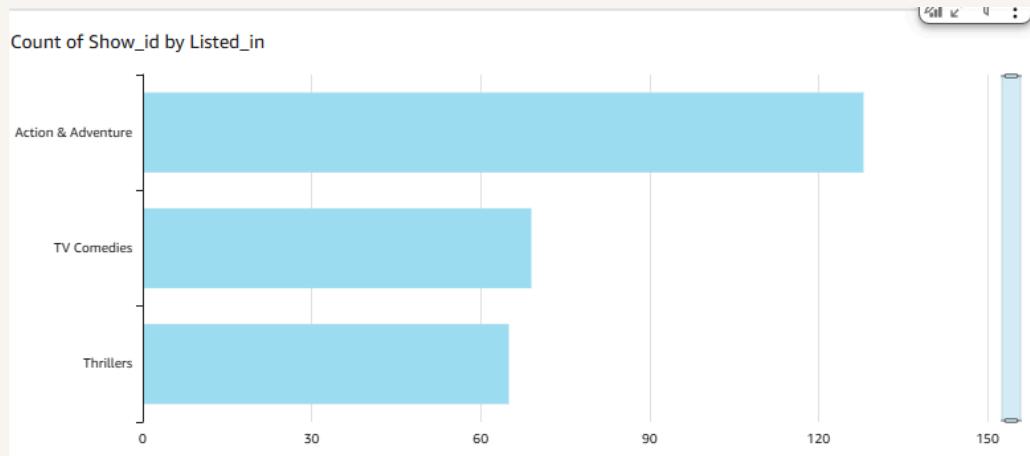
I created this graph by dragging and dropping the specific type of graph or chart and clicking on what I wanted to be displayed



Using filters

Filters are useful for showcasing our narrowed down subsets on the things we want to focus on.

This visualization is a breakdown of TV Shows/Movies that belong to the three categories: Action & Adventure , Thrillers and TV Comedies. Here I added a filter by basing on the "listed on".

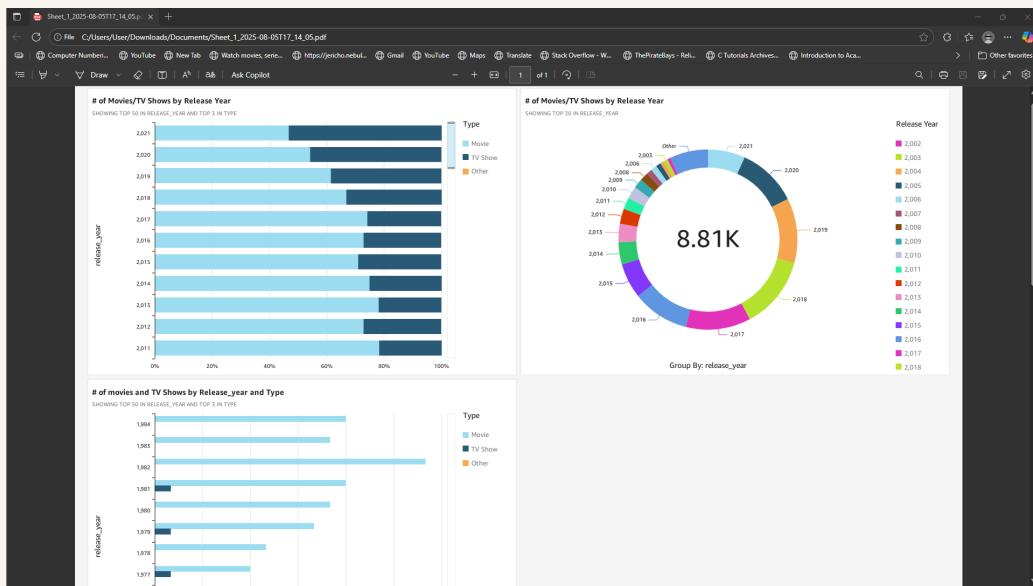




Setting up a dashboard

As a finishing touch, I published my dashboard in order to enable sharing. I managed to download the beautiful dashboard.

Did you know you could export your dashboard as PDFs too? I did this by publishing the dashboard and then exported it and downloaded it as a PDF





nextwork.org

The place to learn & showcase your skills

Check out nextwork.org for more projects

