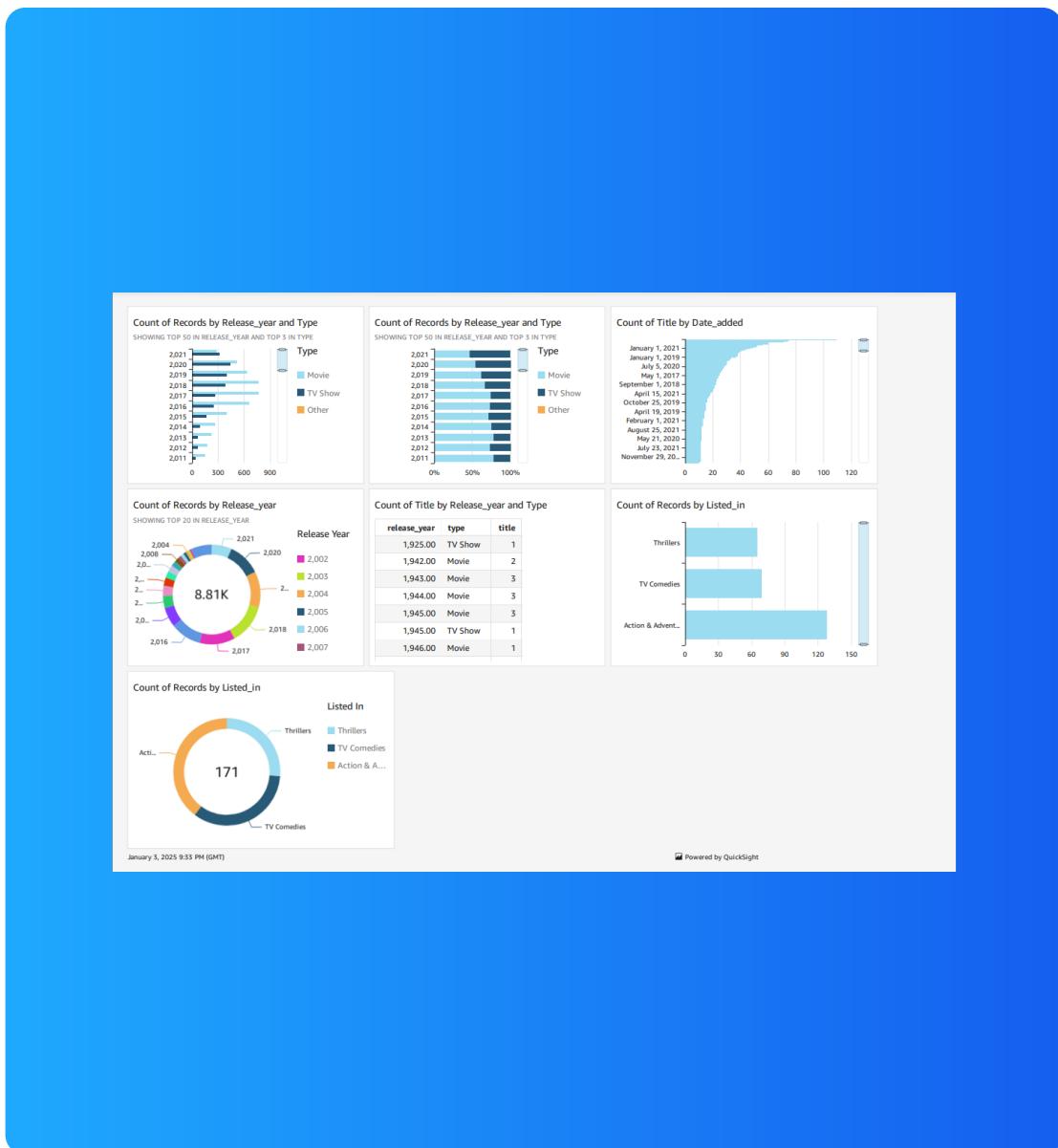




Visualize data with QuickSight



Honesty Dogunro





Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a cloud-based BI service by AWS that lets users create interactive dashboards and reports quickly. It's user-friendly, cost-effective, scalable, integrates with various data sources, and provides rapid insights for better decisio

How I used Amazon QuickSight in this project

In today's project, we used Amazon QuickSight to visualize netflix movie data. We created interactive dashboards to analyze trends, identify top-genres and movies release dates.

One thing I didn't expect in this project was...

all good

This project took me...

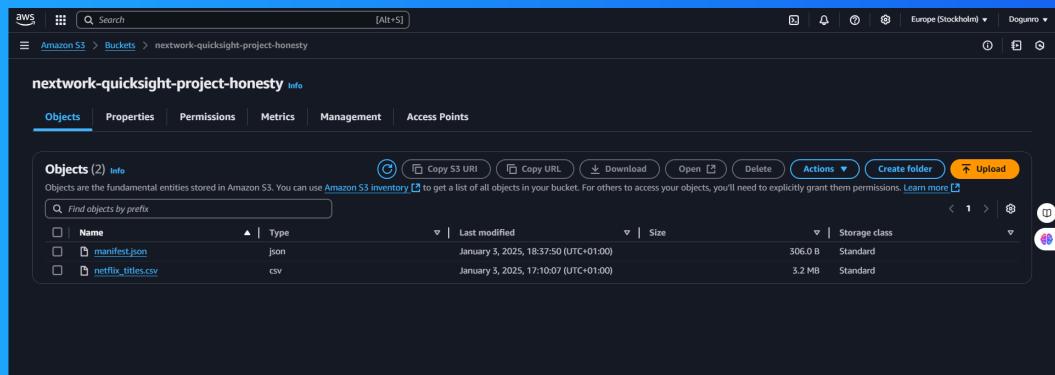
About 1 hour 50 min. I took periodic breaks



Upload project files into S3

S3 is used in this project to store two files, which are a CSV file containing data records from Netflix and a JSON file used for configuration settings.

I edited the manifest.json file by copying the s3 URI of my csv file and pasting it in the manifest(to update the title). It is important to edit this file because the JSON manifest file can be pointed to where my CSV file is located.

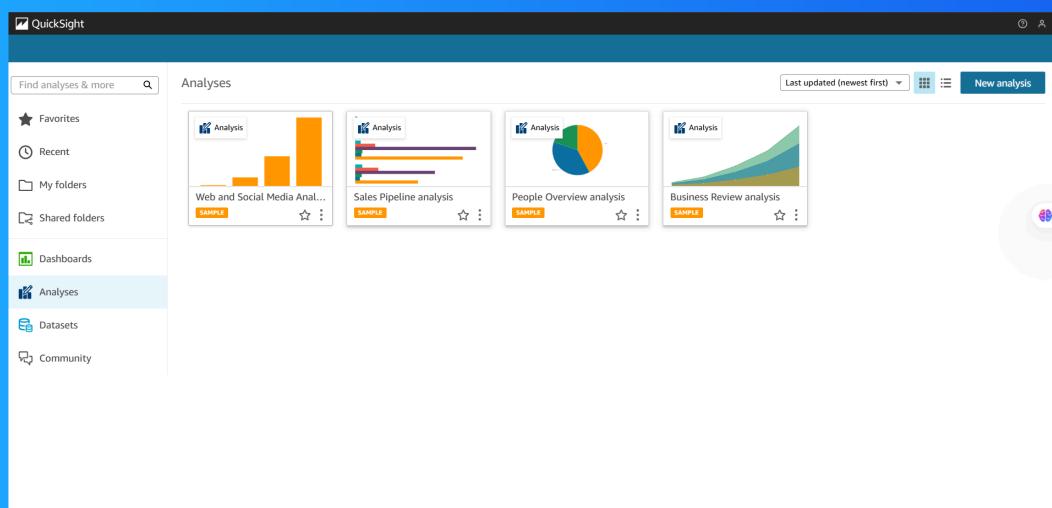




Create QuickSight account

it is free to make a quick sight account,

It was quite fast

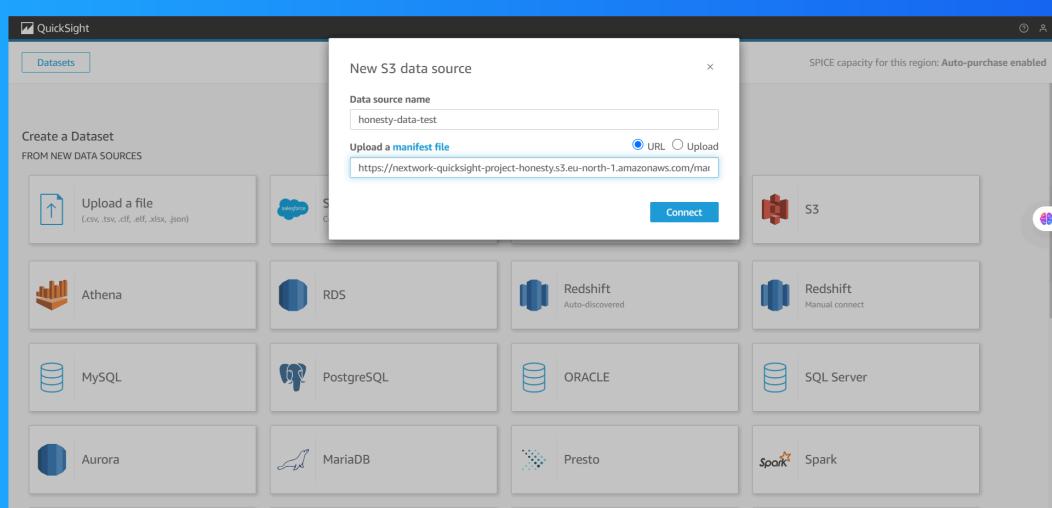




Download the Dataset

I connected the S3 bucket to QuickSight by visiting datasets

The manifest.json file was important in this step because it tells quick site where data are and where they are organized

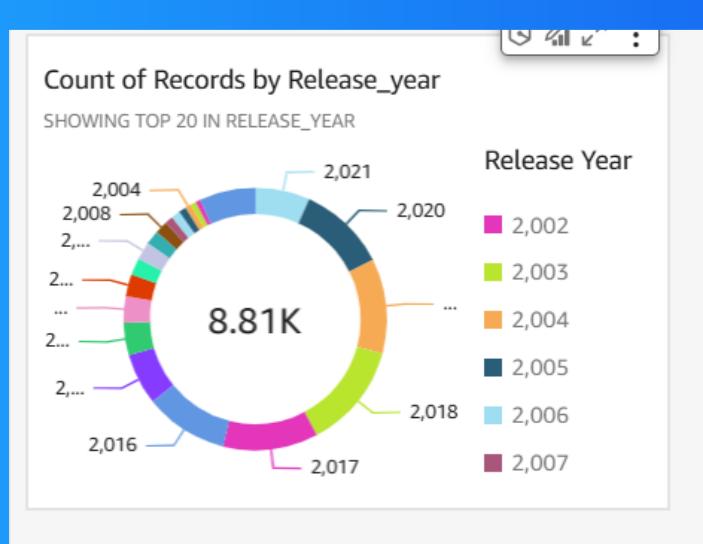


My first visualization

To create a visualization in QuickSight, log in and select your dataset. Click "Analysis" to create a new one, choose your visualization type, drag data fields into the areas, customize colors and labels, and finally, save or share your visualization

The chart shown here is a breakdown of the dataset analyzed, illustrating key trends and relationships among the variables. This visualization is tv shows classified by the year of release

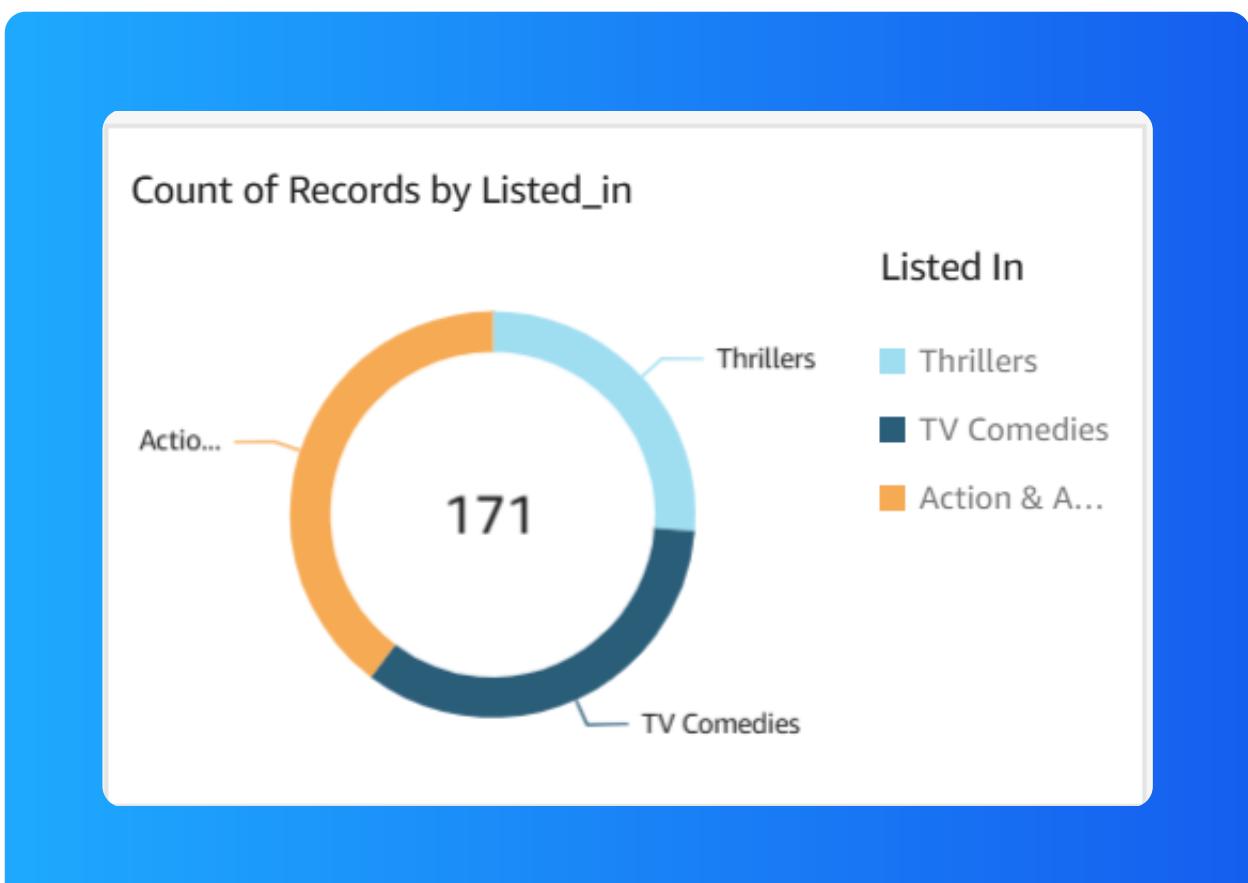
I created this graph by dragging and dropping the relevant data fields into the visualization tool, in this case the release years.



Using filters

Filters are useful for narrowing data, helping users focus on specific criteria and eliminate distractions. They organize large amounts of information, enhance clarity, improve decision-making, and save time by quickly identifying relevant insights.

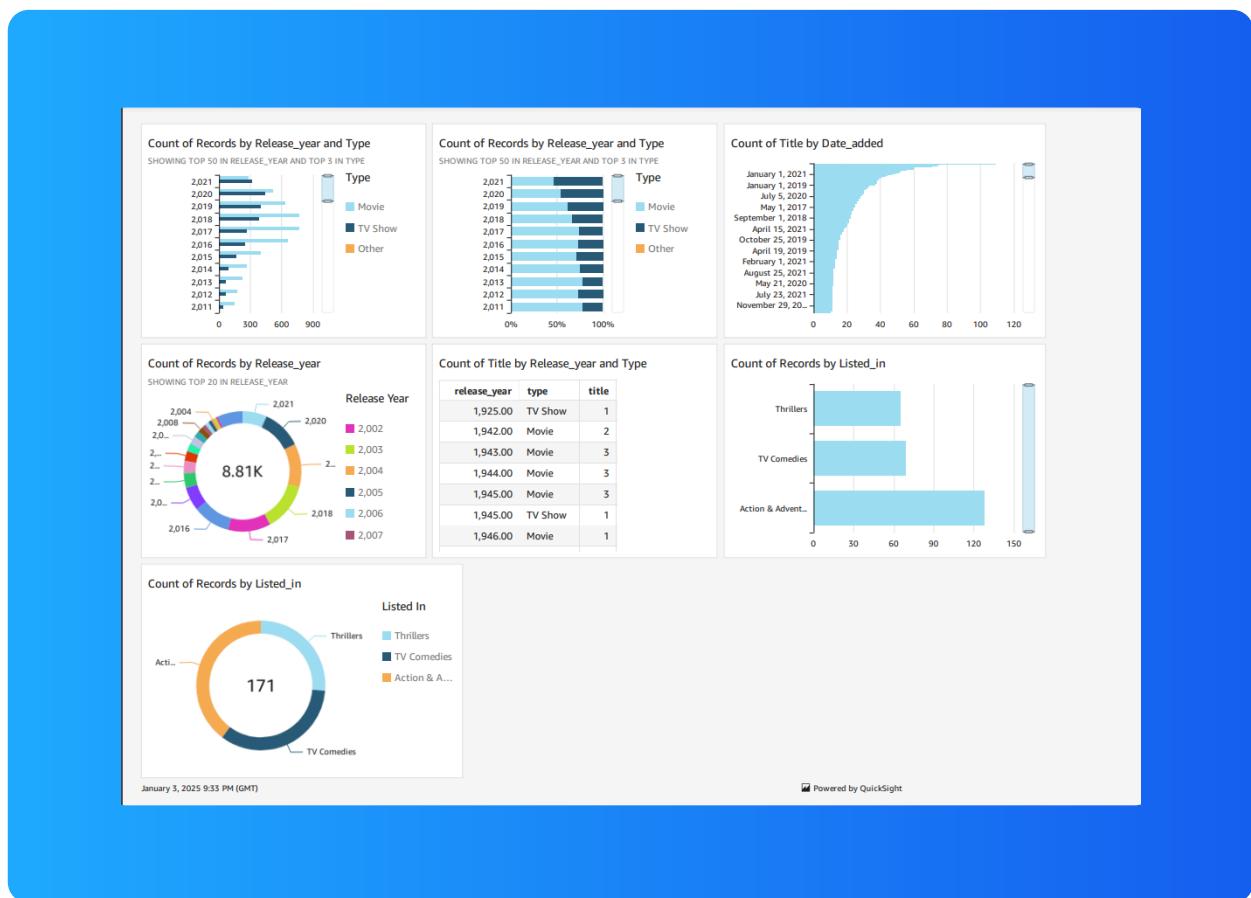
This visualization is a breakdown of the count of records by genre, showing the distribution among Thrillers, TV Comedies, and Action & Adventure. Here I added a filter by genre, highlighting the predominant genre and the counts for better analysis.



Setting up a dashboard

As a finishing touch, I reviewed the entire dashboard for clarity and accuracy, ensured all visuals were consistent in style and labeling, checked for any errors in data representation, optimized the layout for user experience.

I did this by clicking on the publish icon, choosing a name, then clicked on the export in the dashboard menu, choosing PDF as the file format, and then clicking the export button. After a moment, the PDF file was ready for download.





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