

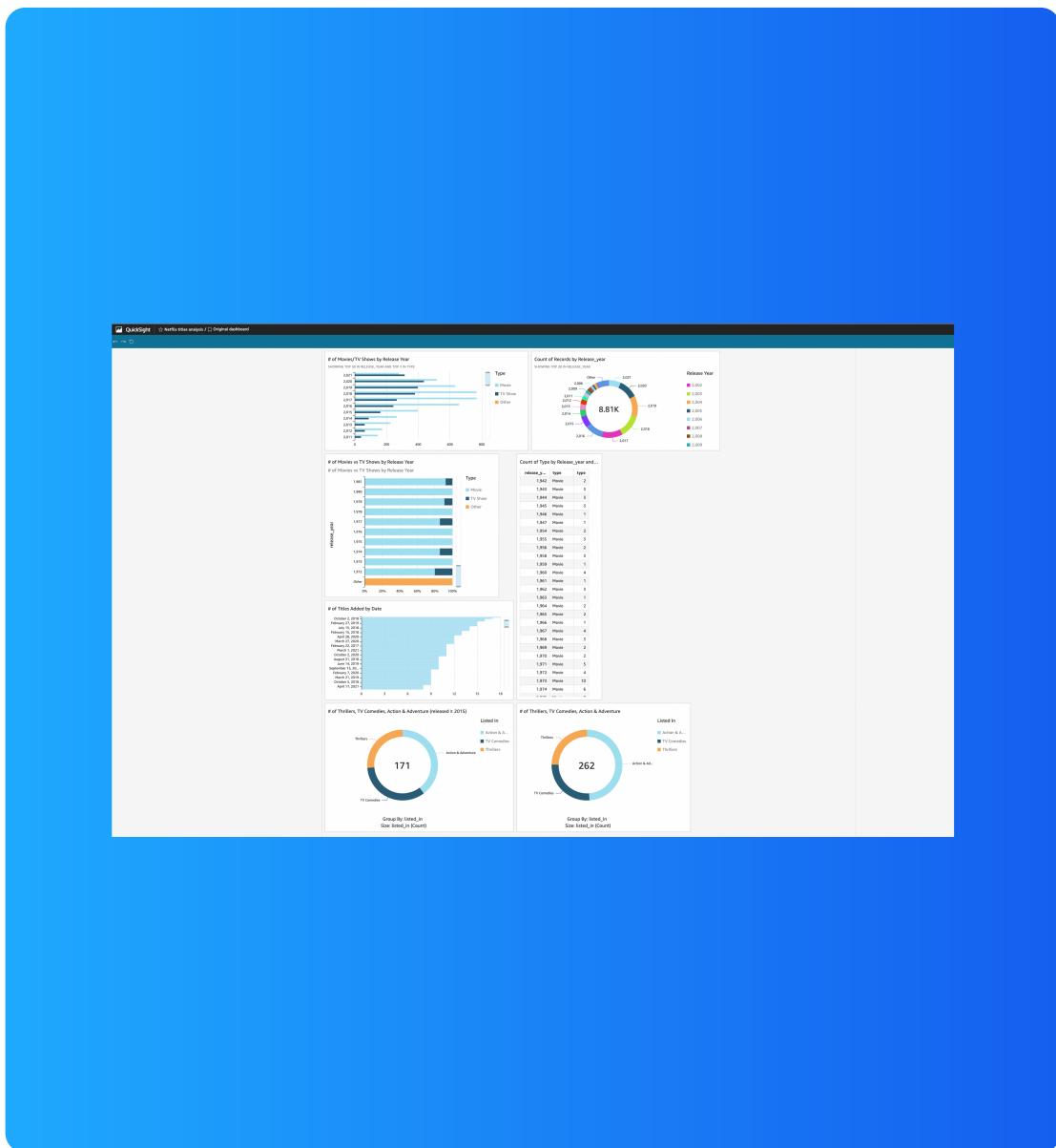


NextWork.org

Visualize data with QuickSight



sailavanyapudi08@gmail.com



Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a tool that helps people turn their data into easy-to-understand charts and dashboards. It's useful because it's fast, works with other Amazon services, and makes it simple to share insights with others.

How I used Amazon QuickSight in this project

i have used Amazon QuickSight in today's project to analyse data of the netflix shows.

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

One surprising aspect of this project is how easy it is to create dashboards with various types of graphs to analyze data effectively.

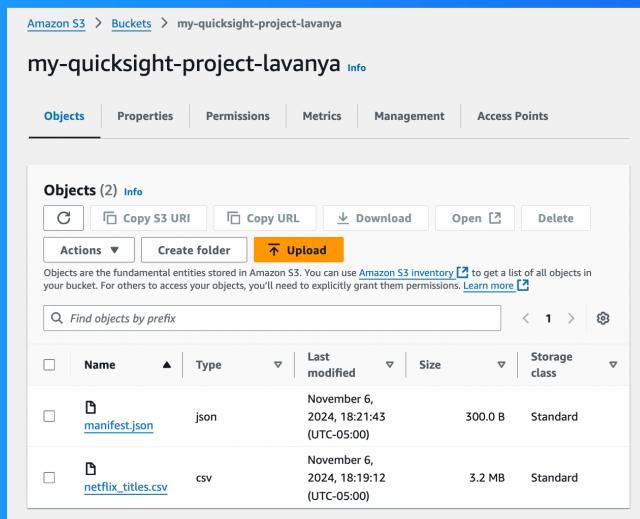
This project took me...

it just took me half an hour to finish this project.

Upload project files into S3

In this project, Amazon S3 is used to store two files: A CSV file named netflix_titles.csv, which contains details about Netflix shows. A JSON document named manifest, which holds the S3 bucket URL.

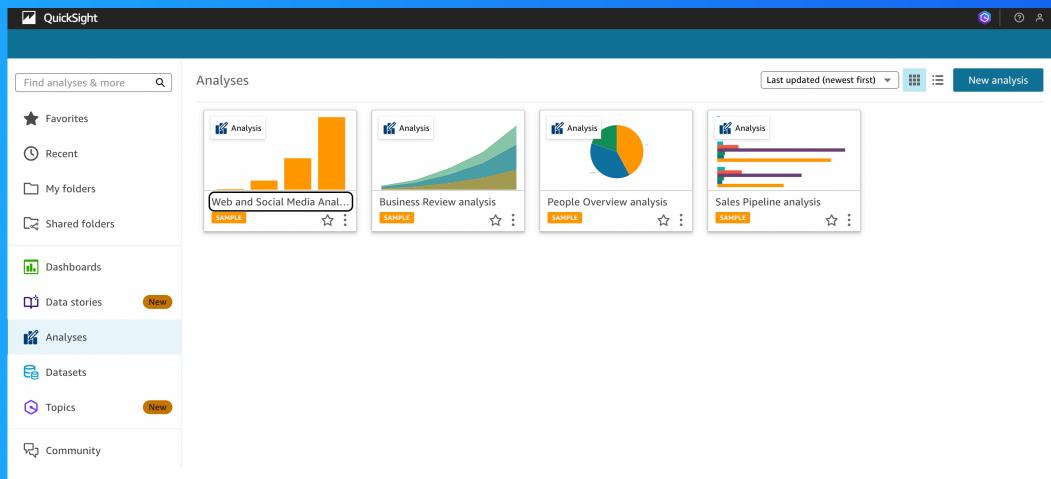
I updated the manifest.json file by modifying the S3 bucket URL. Editing this file is essential to ensure it points to the correct S3 bucket containing our dataset.



Create QuickSight account

Creating a QuickSight account doesn't cost if it's a free tier account.

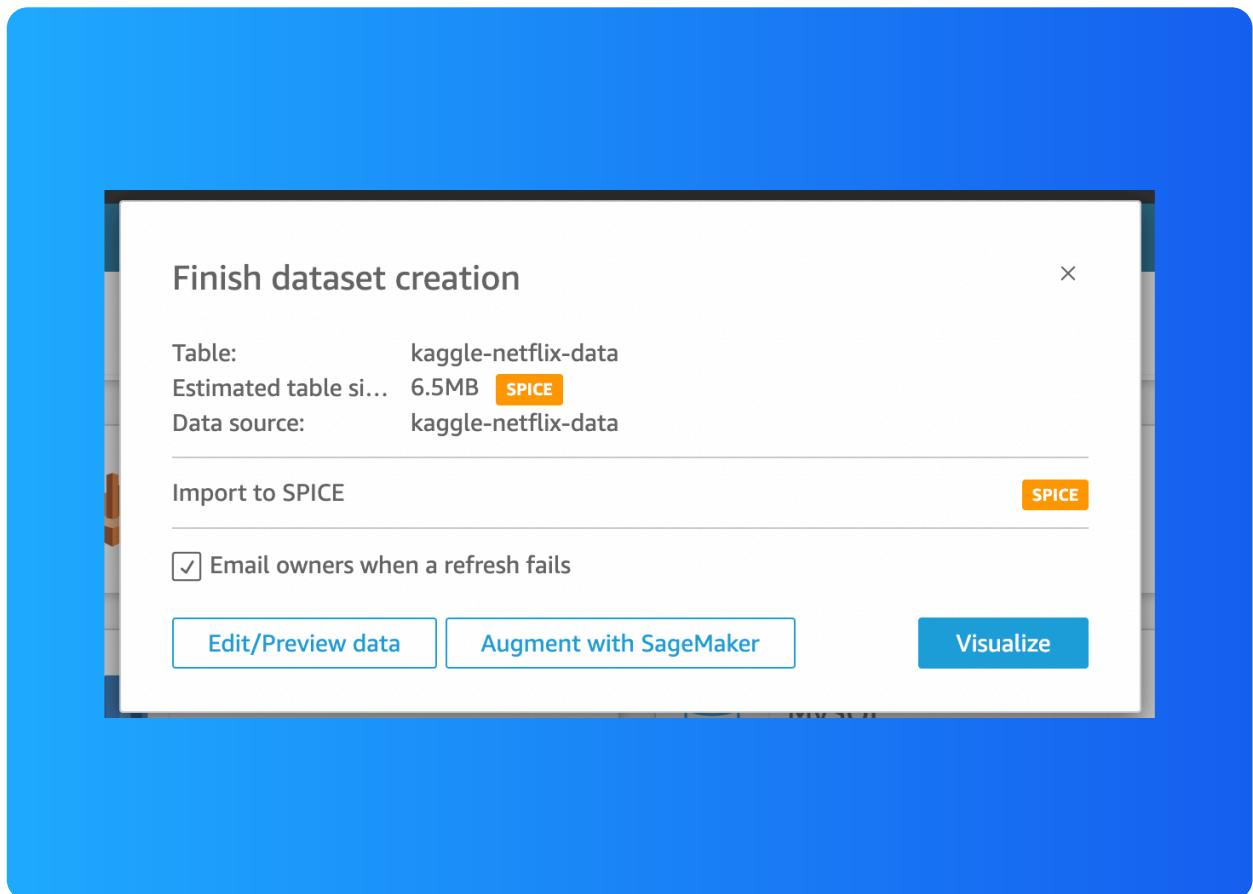
It only took me 5 minutes to set up the account.



Download the Dataset

I connected the S3 bucket to QuickSight by visiting the datasets on the left navigation bar.

The manifest.json file was essential in this step, as it provides the S3 URL needed to access and work with the datasets uploaded to the S3 bucket.

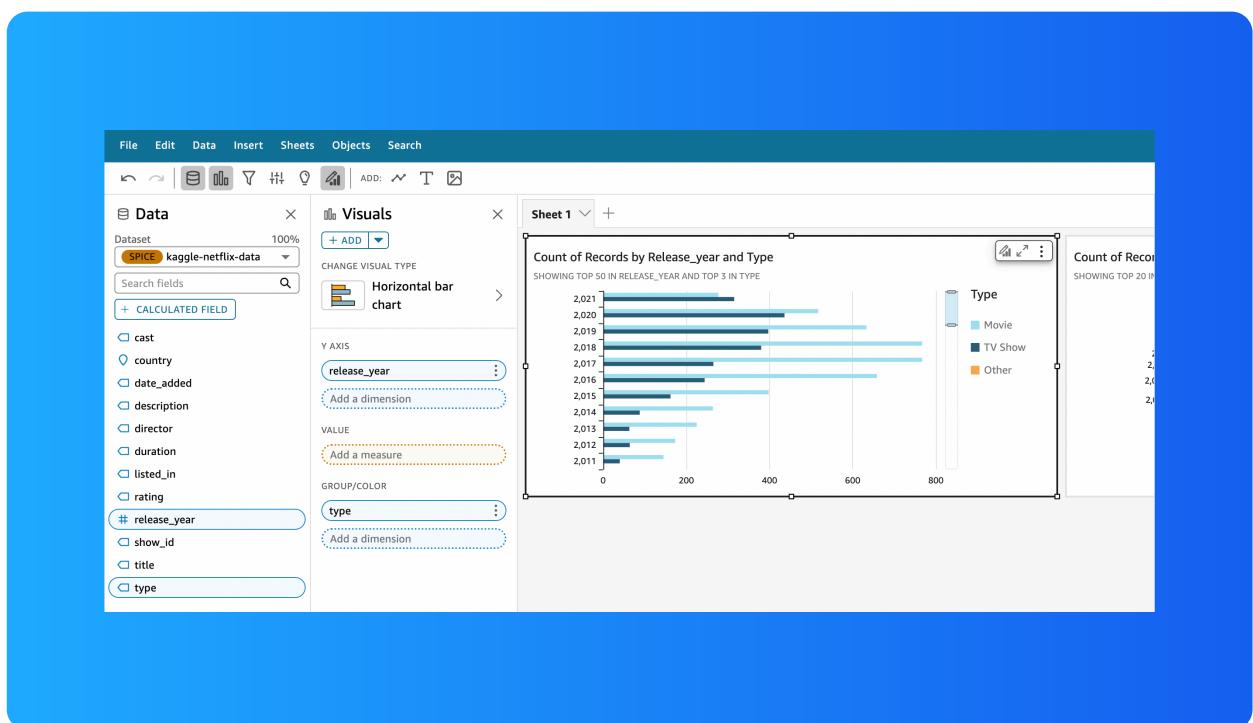


My first visualization

To create visualizations in Amazon QuickSight, import and prepare your data by connecting to sources like S3, RDS, or uploading files Then, select a chart type, add fields to the visualization, and customize it to create your desired insights.

The chart/graph shown here is a breakdown of TV shows vs movies for every year

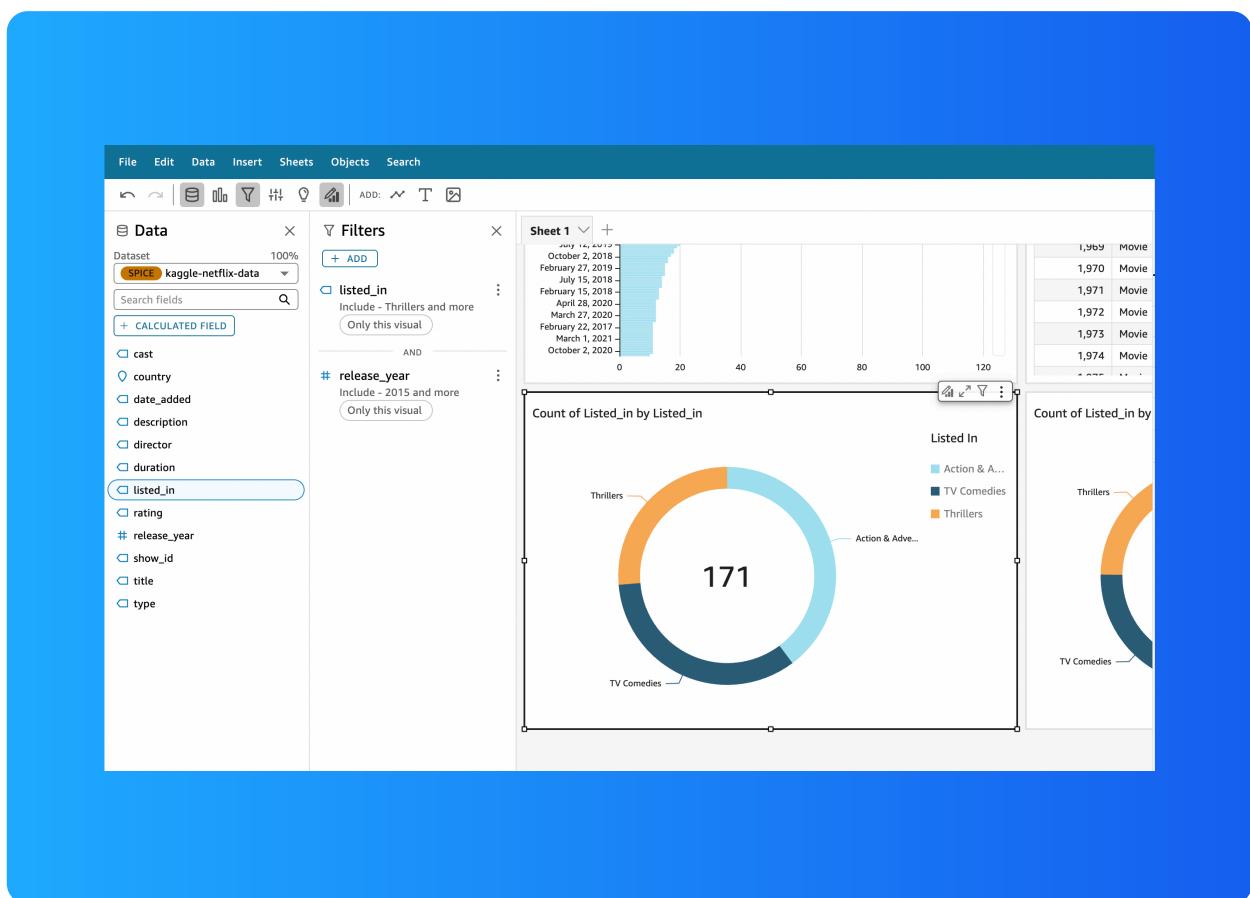
I created this graph by dragging and dropping the release_year label into the Y Axis heading and the type label into the Group/Color heading



Using filters

Filters in QuickSight are useful because they allow you to narrow down data to focus on specific subsets, making analyses more relevant and actionable.

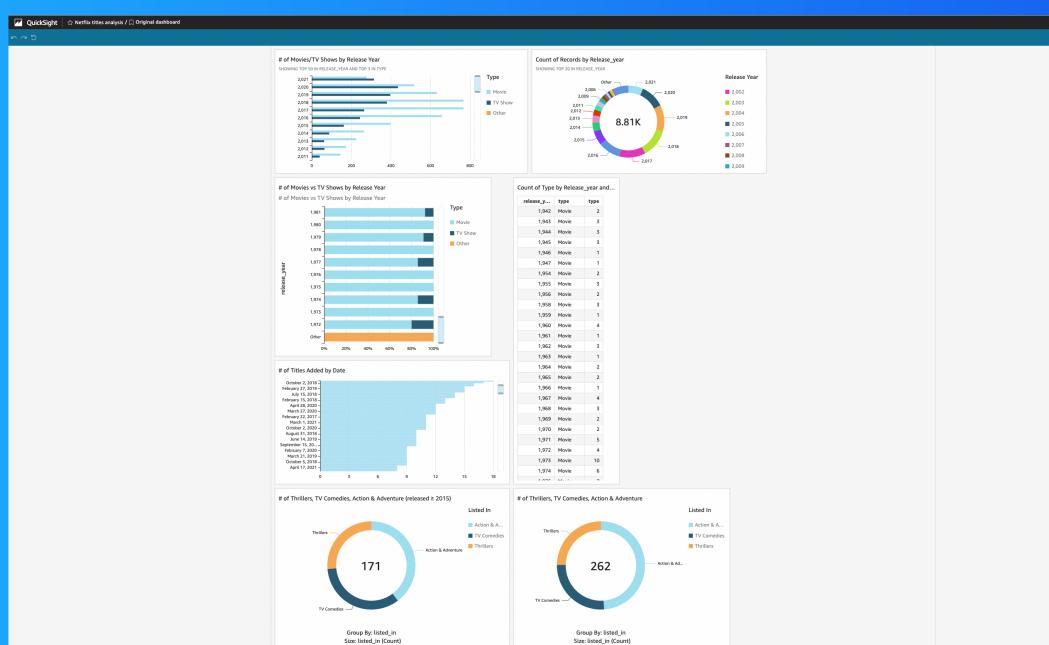
This visualization is a breakdown of the TV shows and movies with the listing 'Action & Adventure', 'TV Comedies', or 'Thrillers', which were released on 2015 or after.



Setting up a dashboard

As a finishing touch, I edited the titles on charts so that anyone can understand and published the created dashboard.

Did you know you could export your dashboard as PDFs too? I did this by selecting the export icon on the top right corner.





NextWork.org

Everyone should be in a job they love.

Check out nextwork.org for
more projects

