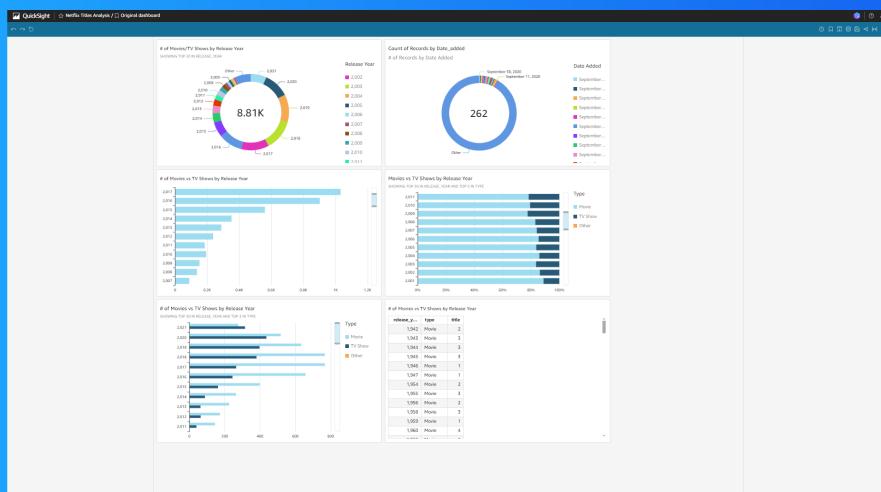




Visualize data with QuickSight



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Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight helps you analyze data and create visualizations easily.

How I used Amazon QuickSight in this project

For today's project, I made use of Amazon QuickSight to create graphs or representations of various data in the file to help me see the various fields that hold various data.

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

One thing that I didn't expect from this project is that it is very easy to use and navigate with the help of the documentation.

This project took me...

For this project, it took me about 30–40 minutes of my time to accomplish it.



Upload project files into S3

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

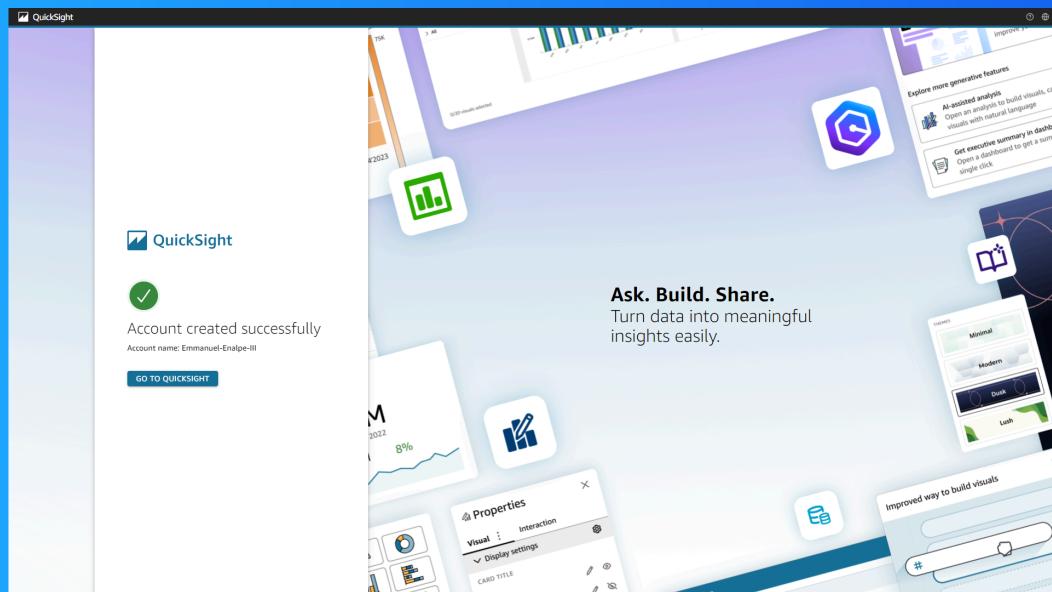
I edited the manifest.json file by opening it on VS Code and replacing it with the new URL generated from my S3 bucket. It's important to edit this file because the data set that I uploaded is linked to the URL of the S3 bucket.

Name	Type	Last modified	Size	Storage class
manifest.json	json	August 15, 2024, 13:10:02 UTC+09:00	307.0 B	Standard
netflix_titles.csv	csv	August 15, 2024, 12:50:02 UTC+09:00	3.2 MB	Standard

Create QuickSight account

Creating a QuickSight account costs nothing by just availing of the free tier of the service.

Creating an account took me about 4-5 minutes by just following the instructions in the documentation.

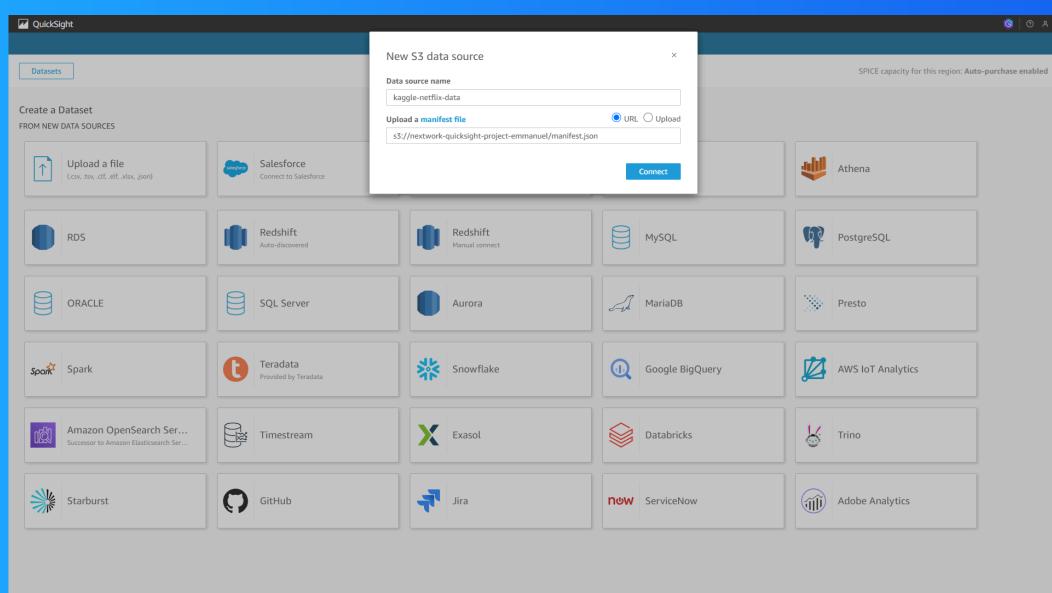




Download the Dataset

I connected the S3 bucket to QuickSight by creating a data source name, visiting the created S3 bucket on my AWS console, copying the S3 URL, and pasting it on the S3 data source of AWS QuickSight.

The manifest.json file was important in this step because it tells Amazon QuickSight where your data lives and how to read your data. Just like how people can speak in many different languages, data can come in all different kinds of forms.



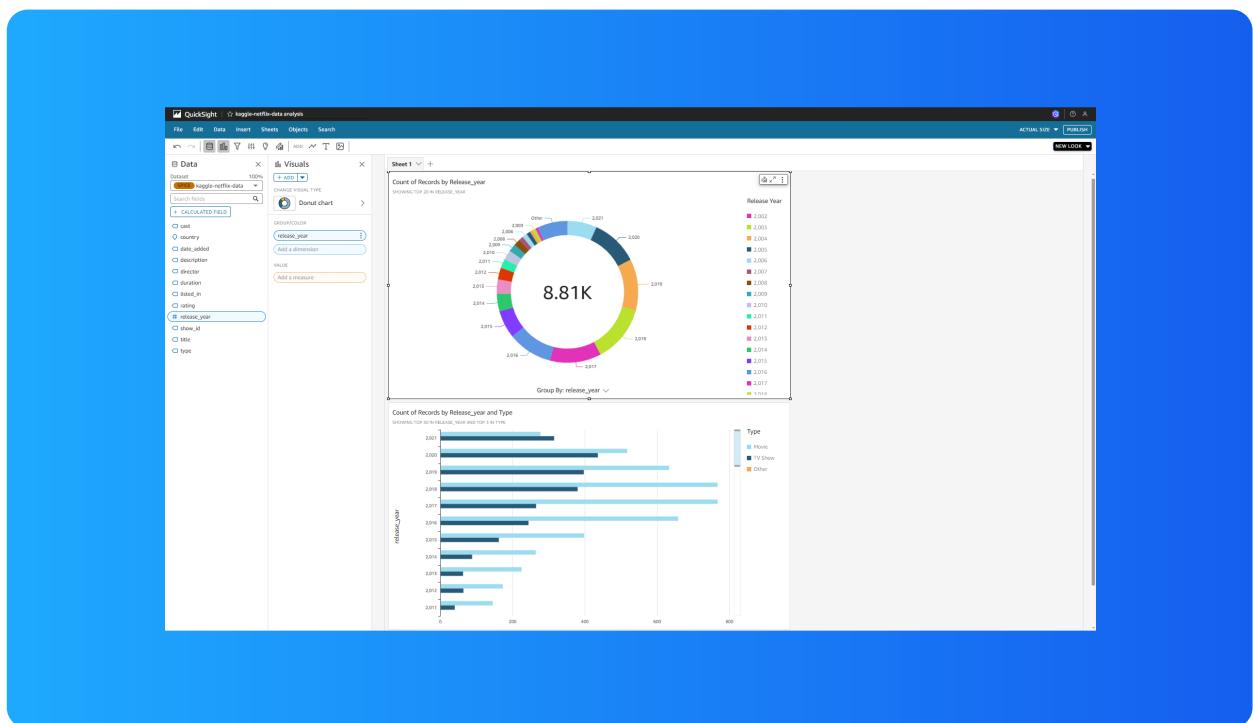


My first visualization

To create visualizations on QuickSight, I had to first upload the necessary files that were needed. After that, the data fields were dragged to the blank field to display or visualize the data, depending on what data was visualized.

The chart or graph shown here is a breakdown of all the data contained in the file uploaded.

I created this graph by dragging and dropping the data fields to the blank field to make a visualization of the data.

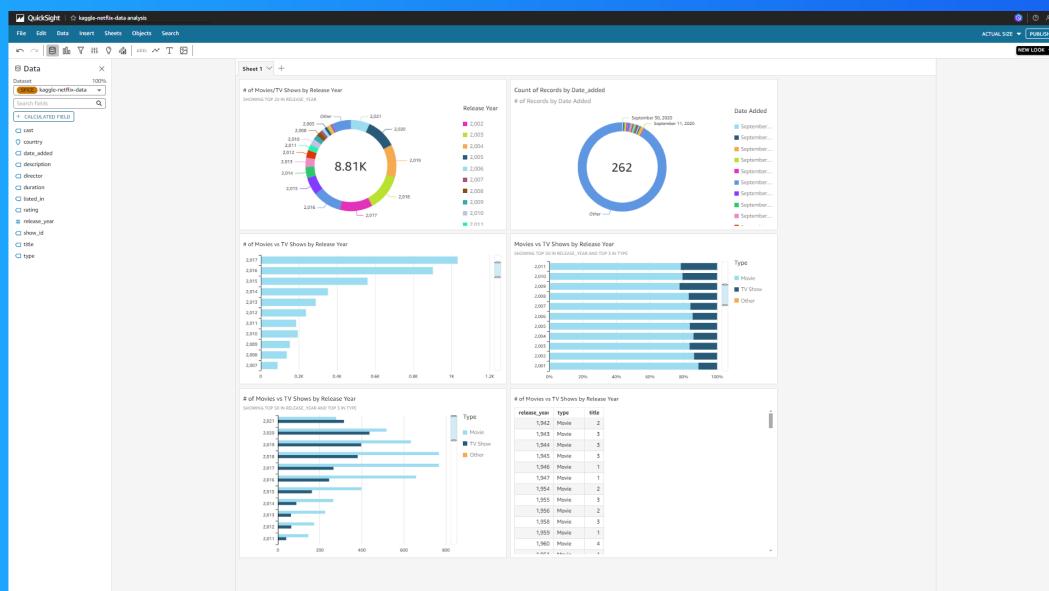




Using filters

Filters are useful for filtering the needed data to visualize it clearly.

This visualization is a breakdown of different fields of data with different values. Here I added a filter by listed_in, title, type, and other fields.

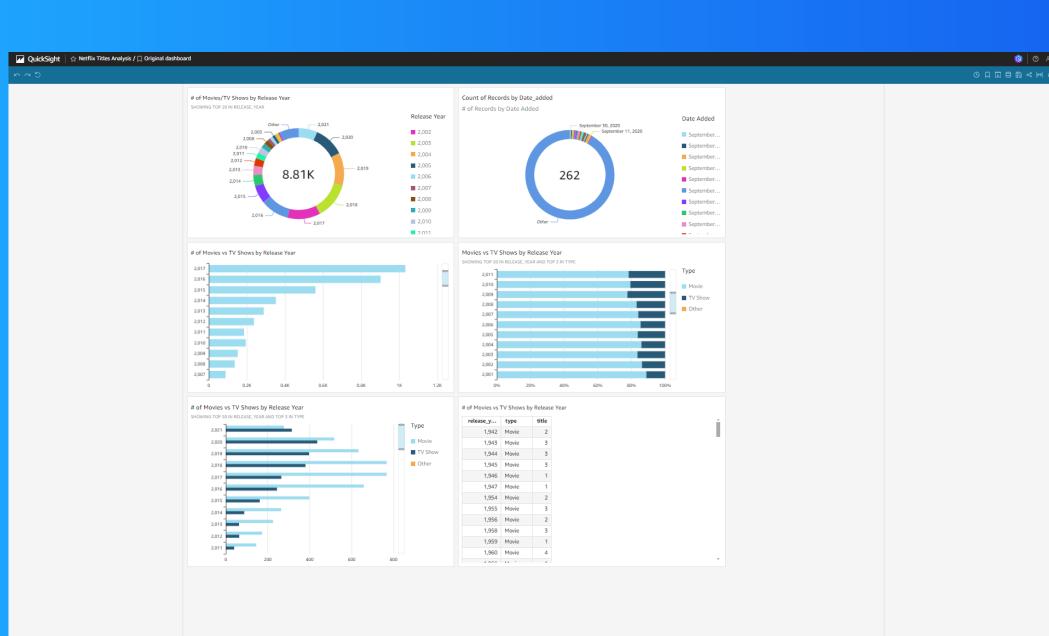




Setting up a dashboard

As a finishing touch, I renamed all the charts to their respective representations.

Did you know you could export your dashboard as PDFs too? I did this by exporting it as a pdf file on the top right corner of the page, and afterwards, I downloaded it.





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