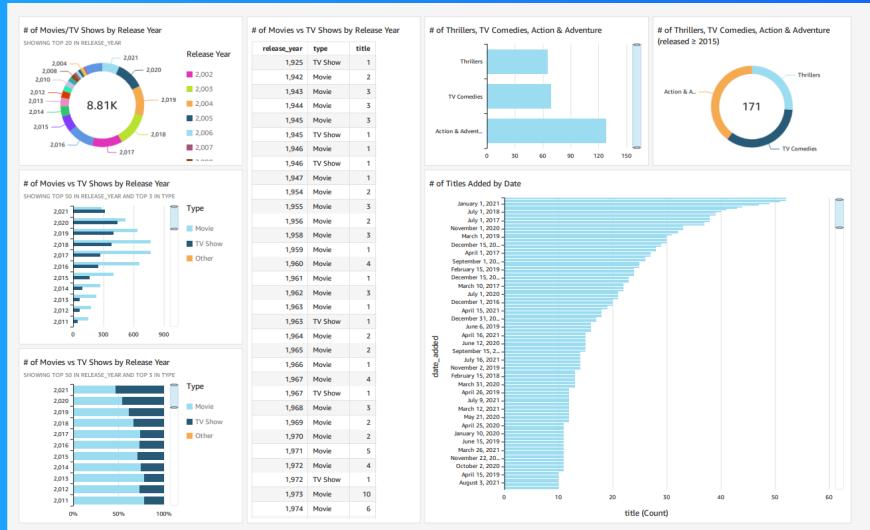


# Visualize data with QuickSight



Suganth A





Suganth A

# Introducing Today's Project!

## What is Amazon QuickSight?

Amazon QuickSight is a cloud-based business intelligence (BI) service provided by AWS (Amazon Web Services) that allows users to create and share interactive dashboards, visualizations, and reports.

## How I used Amazon QuickSight in this project

I used Amazon QuickSight to analyze Netflix title data in today's project. This likely involved creating visualizations to understand patterns, trends, or distributions in the data, such as genre popularity, release dates, or viewer ratings.

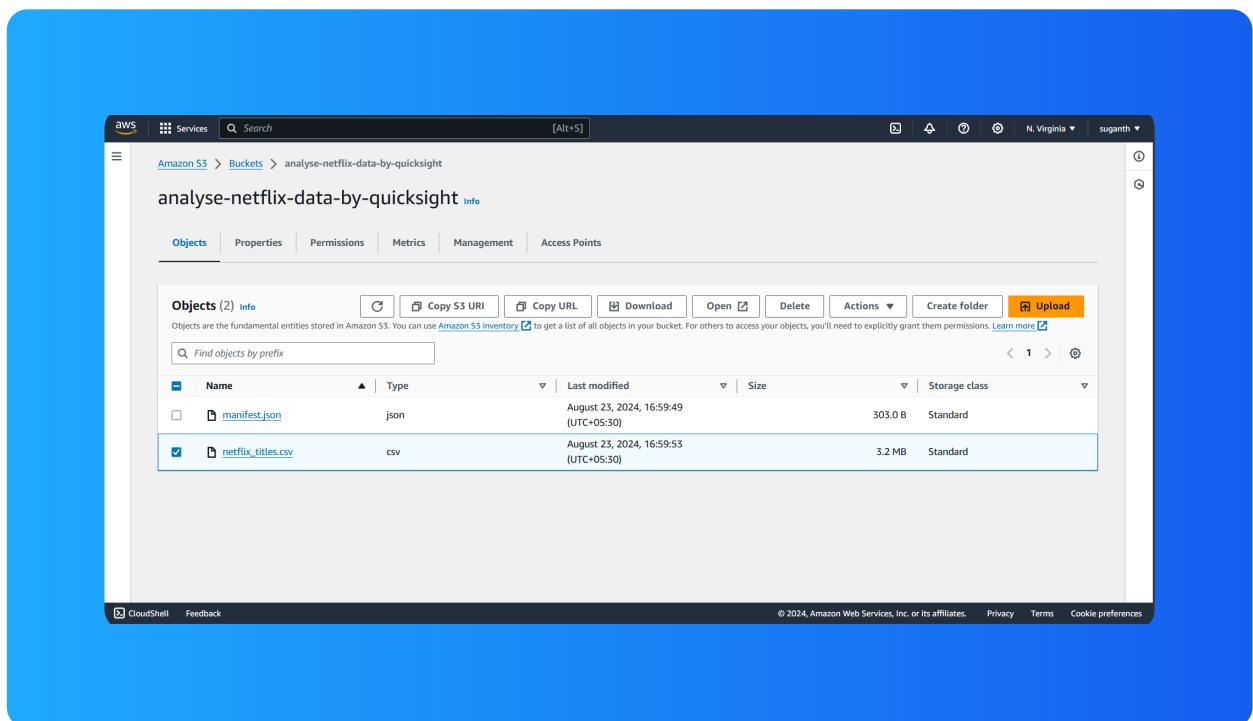


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# Upload project files into S3

S3 is used in this project to store two files, which are Netflix\_titles the data set file and the manifest.json files

I edited the manifest.json file by vscode that adds the dataset uri of the S3 bucket



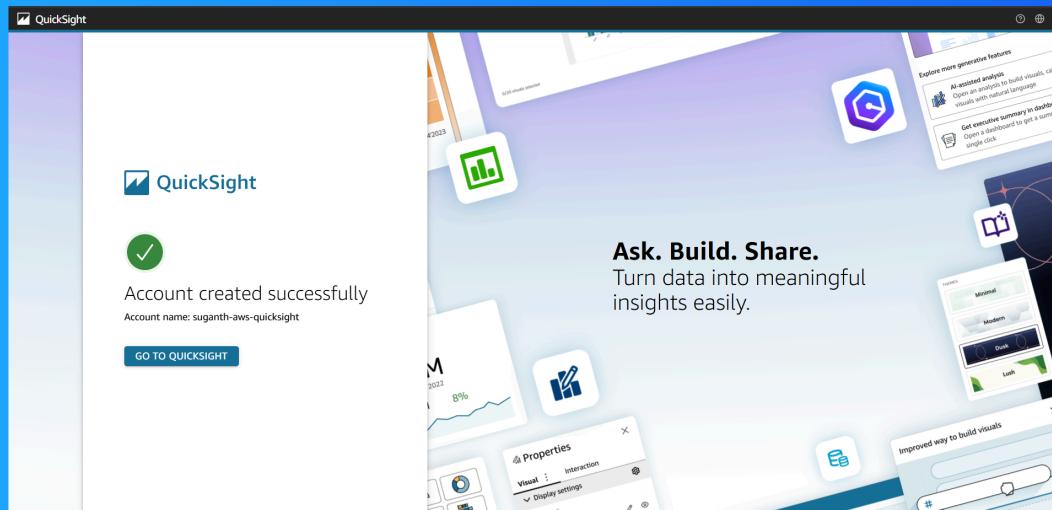


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# Create QuickSight account

- It is free to make a QuickSight account (the free trial lasts for 30 days), and it took two minutes to set up and wait for account creation.
- I also had to enable QuickSight's access to S3 because my dataset is stored in an S3 bucket

Creating an account took me two minutes which is fast



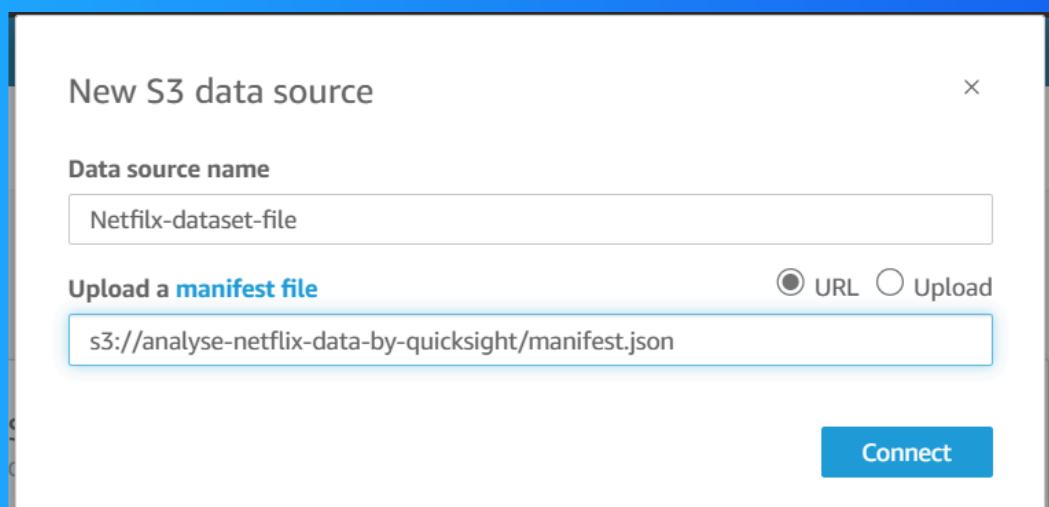


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# Download the Dataset

I connected the S3 bucket to QuickSight by visiting the S3 bucket and copied the manifest.json uri

The manifest.json file was important in this step because it contains a map that tells quicksight how the data is going to look like for example it's a chart or graph we can also specify the delimiter and without this quicksight will get confuse data





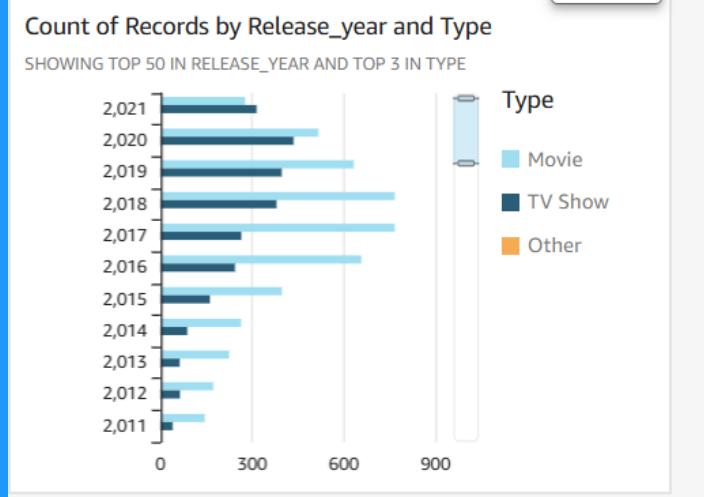
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# My first visualization

To create visualizations on QuickSight, I just simply select the visualizations chart and add data to it dimensions

The chart/graph shown here is a breakdown of movies and tv shows releases on each year

I created this graph by dragging and dropping the horizontal chart and added the release date to Y axis and grouped them based on the type data



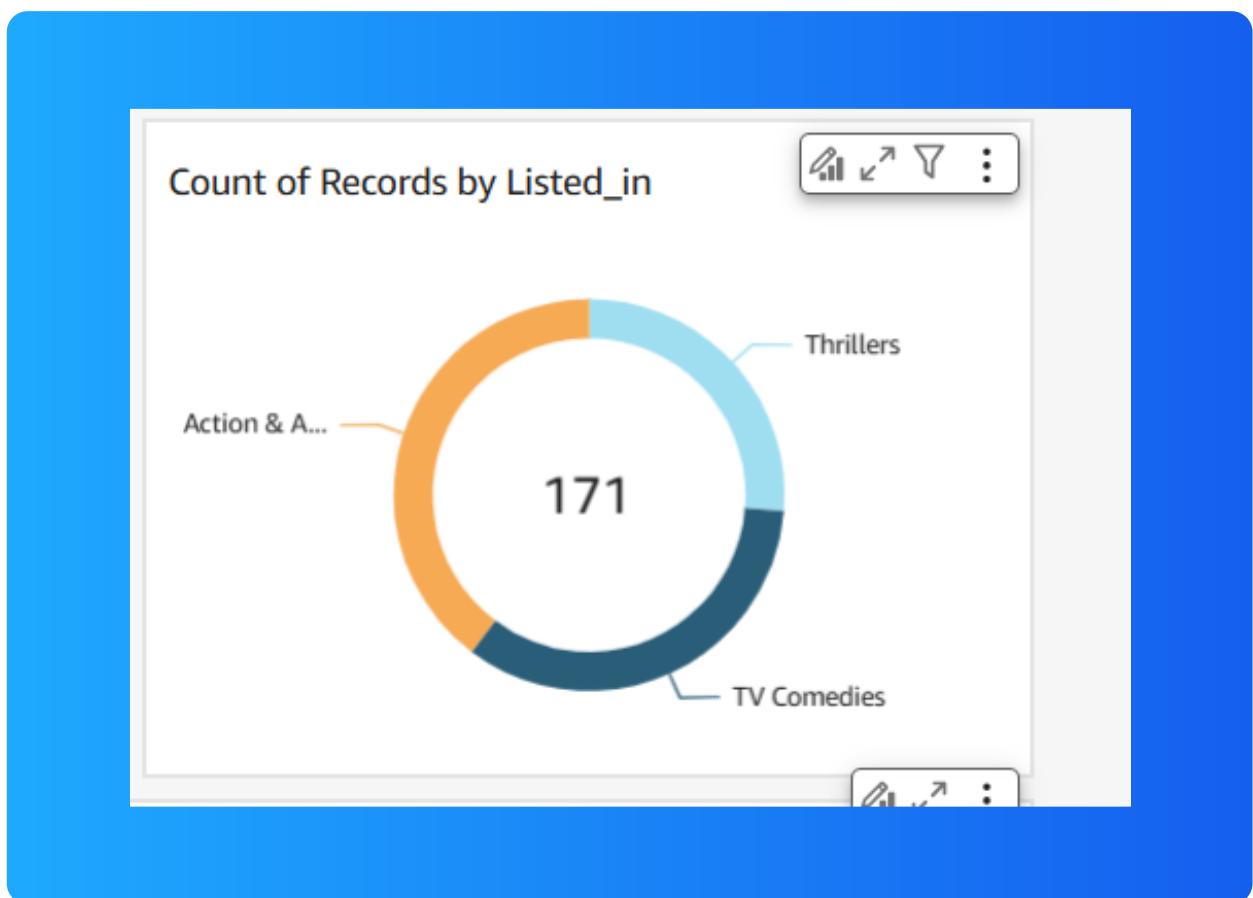


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# Using filters

Filters are useful for specifying the exact subset of data that you are wanting to analyze - effectively excluding any irrelevant data.

Here I added a filter by excluding movies and TV shows that were released before 2015. This helped me create a visualisation on movies and TV shows of the three genres I specified that were released from 2015 onwards.





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# Setting up a dashboard

As a finishing touch, I edited the titles of my graphs so that the purpose of each chart is clear to the reader.

Did you know you could export your dashboard as PDFs too? I did this by publishing my dashboard, and using the export function

