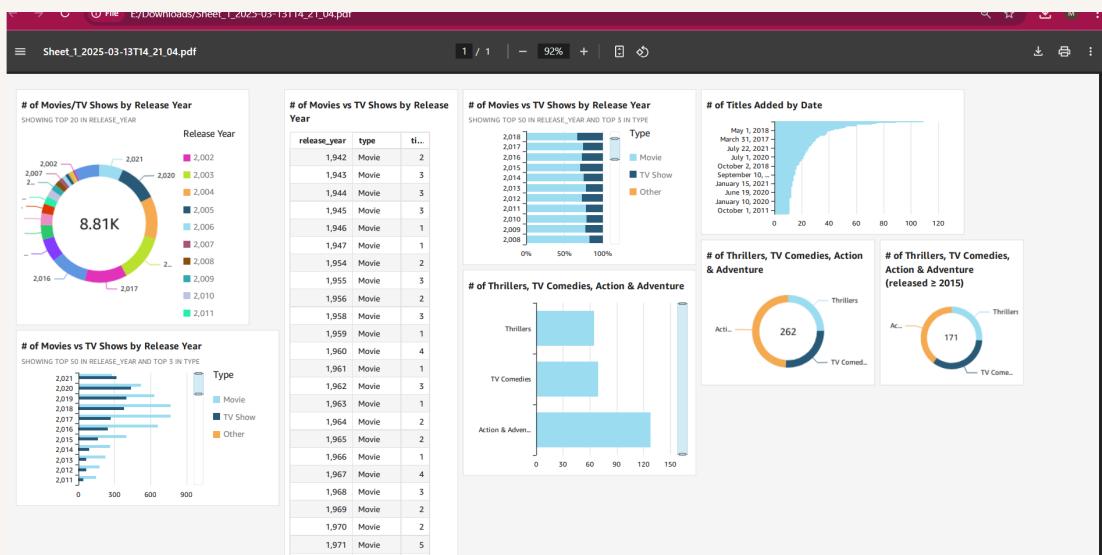


Visualize data with QuickSight

M

Meenashree A





Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a data analyzing tool which is very useful for analyzing and visualize data in the easiest way

How I used Amazon QuickSight in this project

I used to visualize the Netflix dataset

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

It is easy to use and flexible too

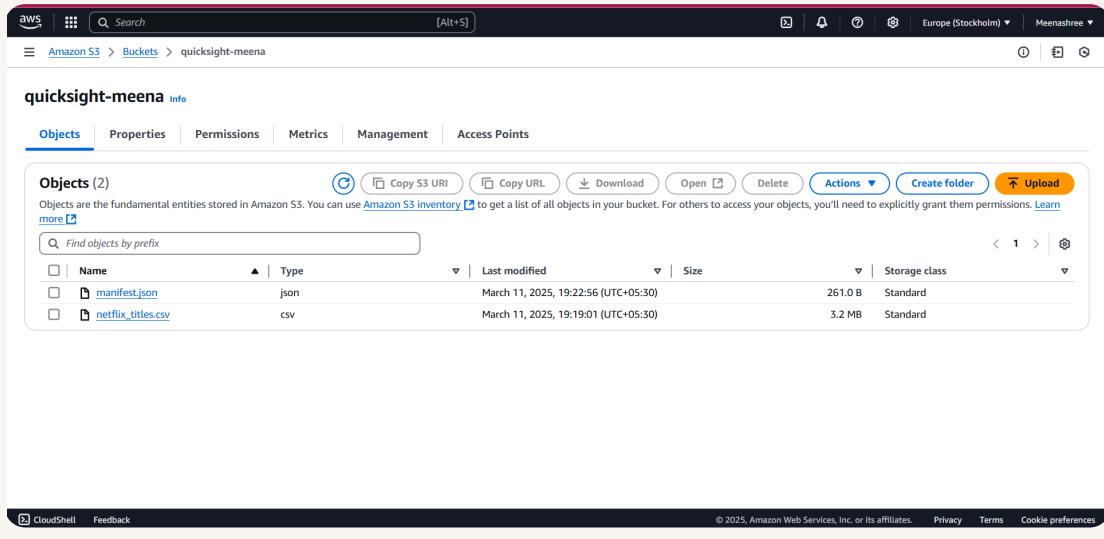
This project took me...

It takes half an hour to complete this project

Upload project files into S3

S3 is used in this project to store two files, which are required to analyze the data through Quick Sight

I edited the manifest.json file by changing the S3 URL of netflix.csv dataset



The screenshot shows the AWS S3 console interface. The top navigation bar includes the AWS logo, search bar, and account information for 'Meenashree'. Below the navigation is a breadcrumb trail: 'Amazon S3 > Buckets > quicksight-meena'. The main content area displays the 'Objects' section for the 'quicksight-meena' bucket. There are two objects listed:

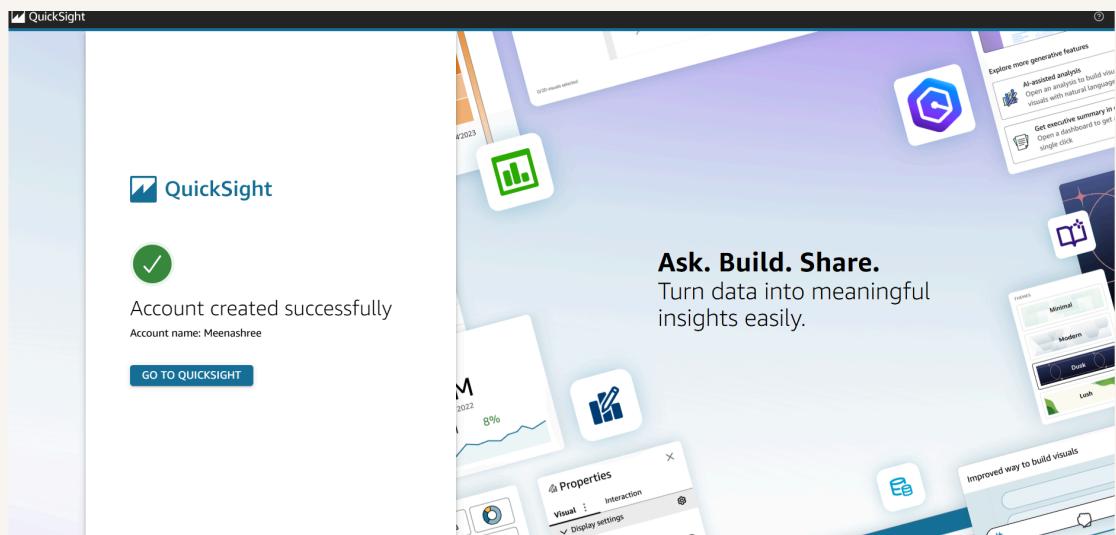
Name	Type	Last modified	Size	Storage class
manifest.json	json	March 11, 2025, 19:22:56 (UTC+05:30)	261.0 B	Standard
netflix_titles.csv	csv	March 11, 2025, 19:19:01 (UTC+05:30)	3.2 MB	Standard

Below the table are standard S3 actions: Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload. A 'Find objects by prefix' search bar is also present. The bottom of the page includes links for CloudShell, Feedback, and copyright information: © 2025, Amazon Web Services, Inc. or its affiliates.

Create QuickSight account

Creating a QuickSight account cost free for 30 days free trial .If we want to extend our usage we need to pay monthly

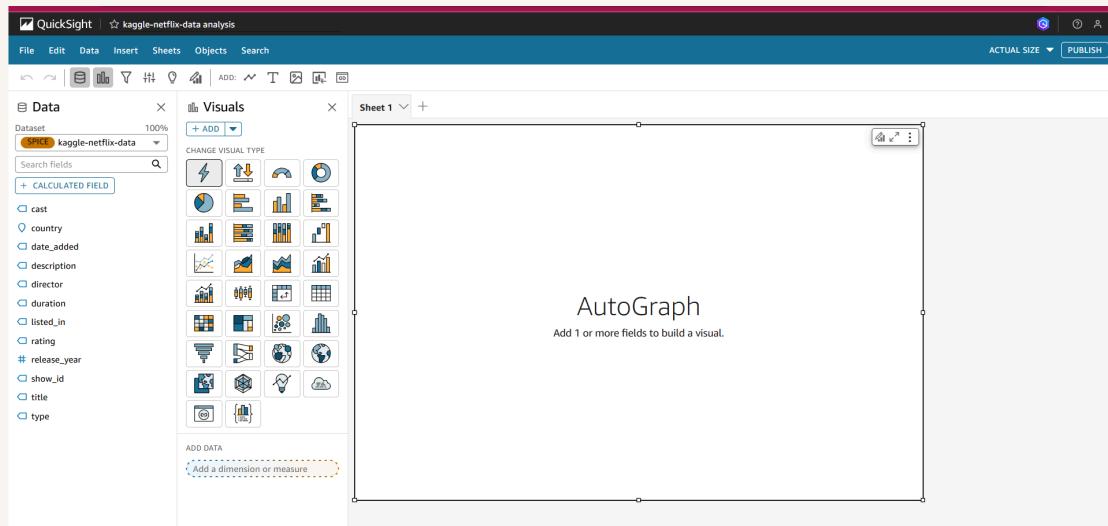
Creating an account took me a minute to get done



Download the Dataset

I connected the S3 bucket to QuickSight by visiting the New analyze and by connecting the manifest URL

The manifest.json file was important in this step because it acts as an interface or describes about the data in the dataset

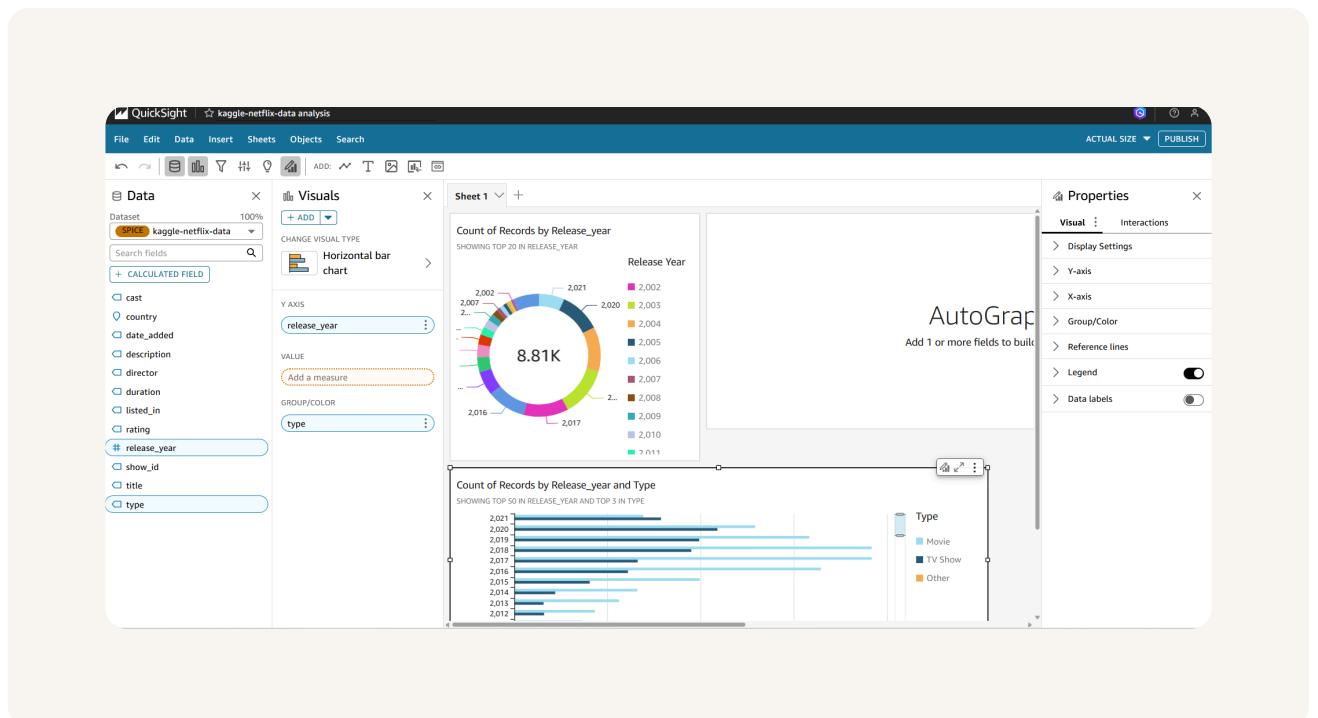


My first visualization

'To create visualizations on QuickSight, I use 2 different charts to represent the data

The chart/graph shown here is a breakdown of movies by their release year

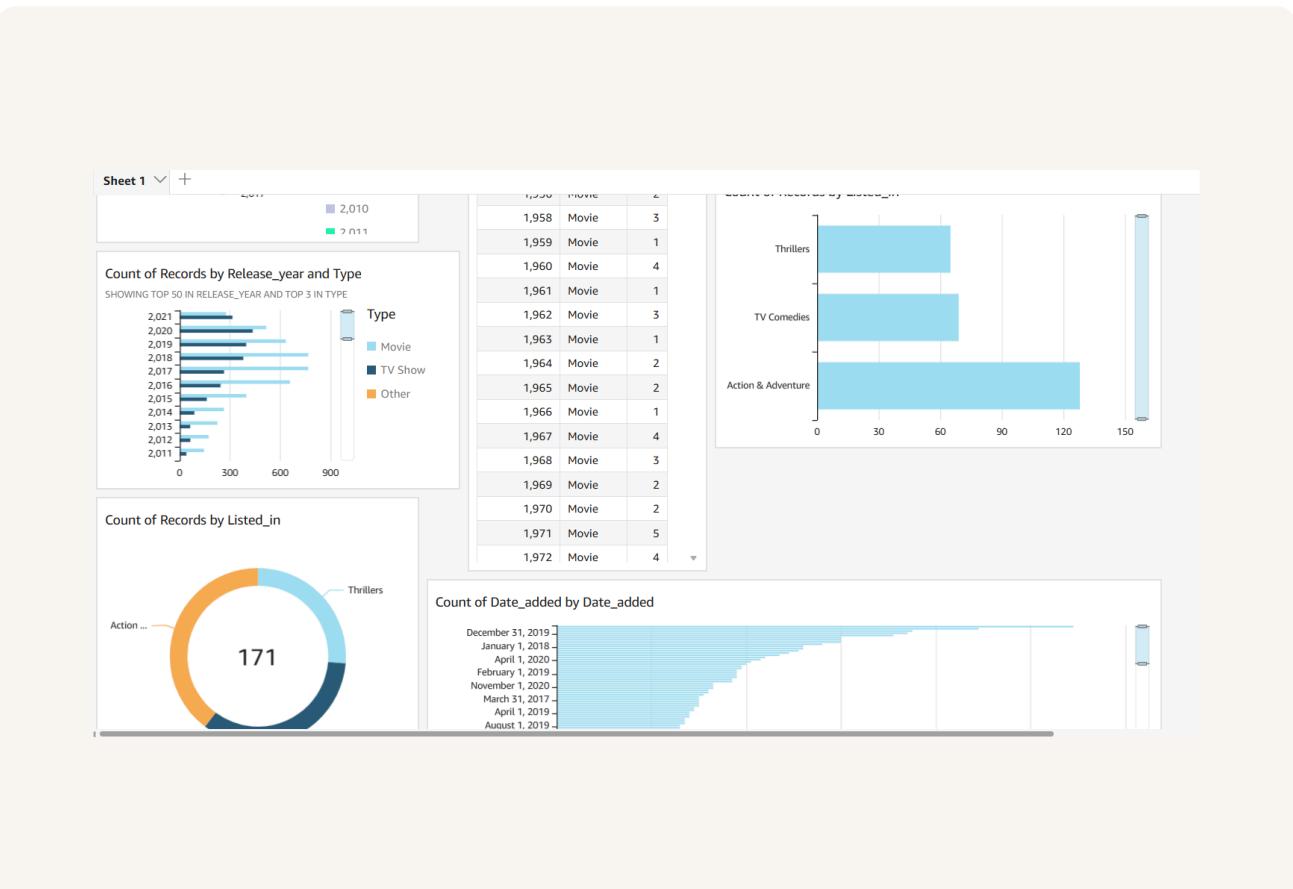
I created this graph by dragging and dropping the release year tag in the left side bar in quicksight tool



Using filters

Filters are useful for filtering the data to a specific range, which helps to analyse and get the data based on requirements

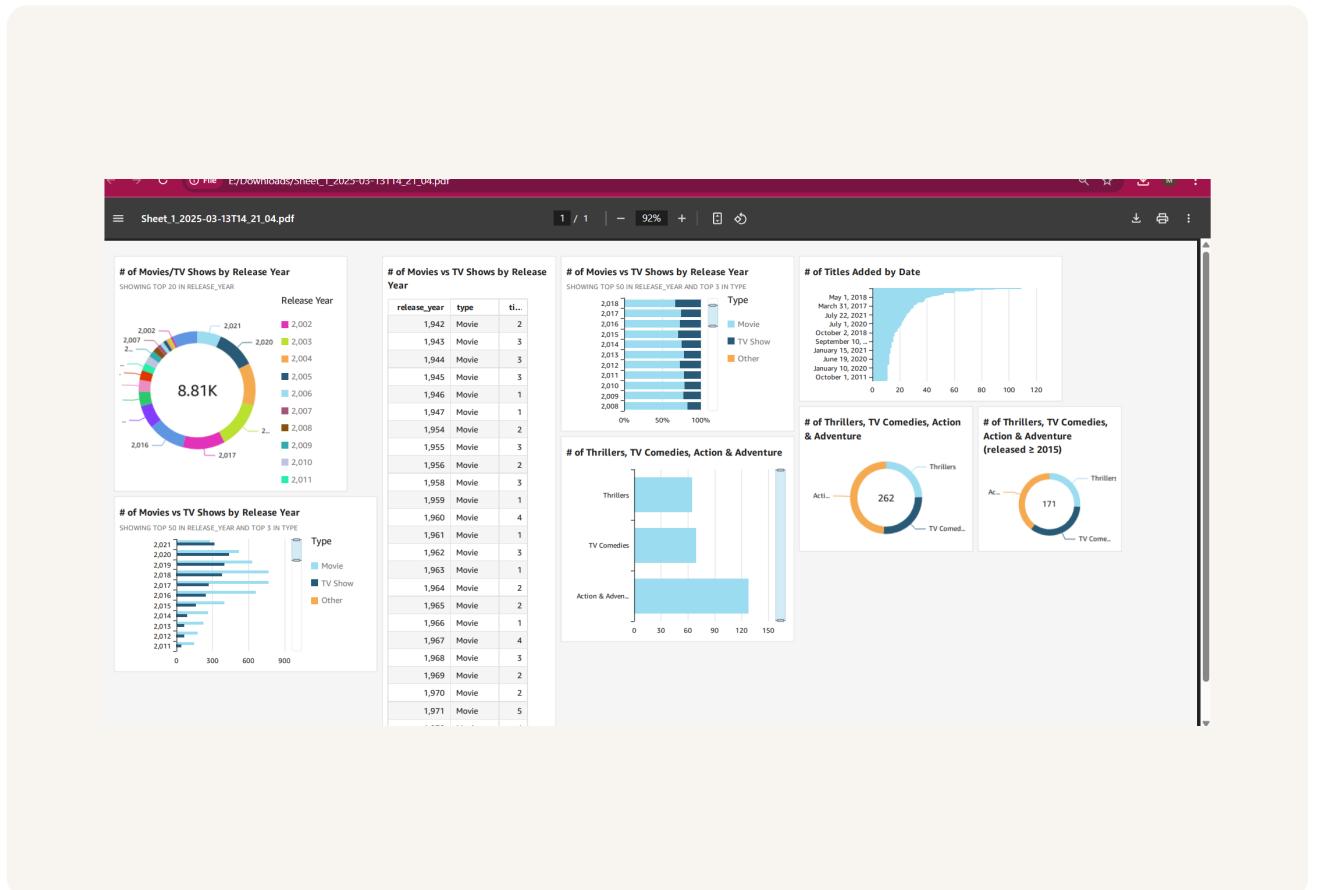
This visualization is a breakdown of 3 main genres into which the rest of the genres fall. Here, I added a filter by using the filter option in quicksight to get those 3 main genres .

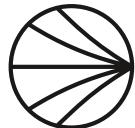


Setting up a dashboard

As a finishing touch, I would like to change the title of the charts based on my analysis and neatly arrange them in the dashboard

I did this by making publish and through exporting option, I just generated my pdf and downloaded it.





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