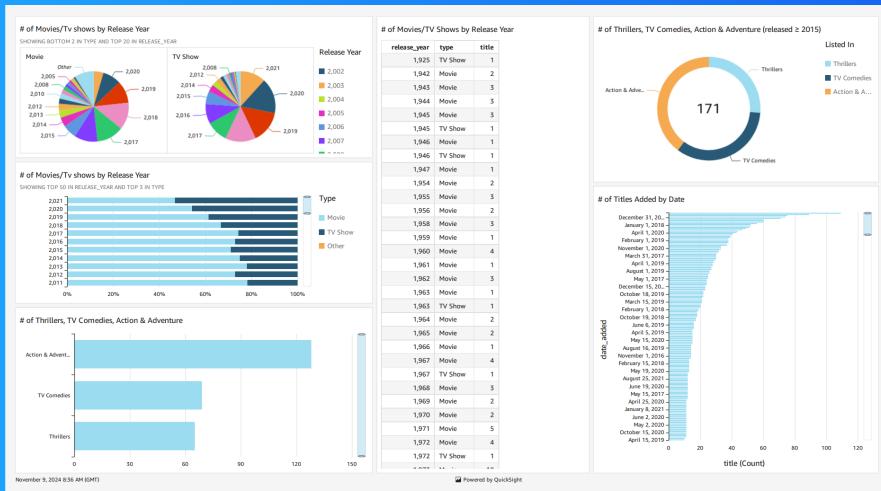




# Visualize data with QuickSight



Kkrish Singh





Kkrish Singh

---

# Introducing Today's Project!

## What is Amazon QuickSight?

Amazon QuickSight is a cloud-based business intelligence service that allows you to create interactive dashboards and visualizations. It's useful for gaining quick, actionable insights from your data, enhancing data-driven decision-making.

## How I used Amazon QuickSight in this project

I used Amazon QuickSight to create a Netflix-analytics Dashboard based on the data set it posess

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

To be so easy and very good to understand as well as implement it too

## This project took me...

It took me about an hour and a half to make it



Kkrish Singh

# Upload project files into S3

S3 is used in this project to store 2 files, which are netflix titles data-set and manifest.json file.

I edited the manifest.json file by updating my s3 URL of my netflix titles data-set. It's important to edit this file because manifest.join will direct it to the wrong S3 URL address and that is the key reason to edit it.

The screenshot shows the Amazon S3 console interface. The top navigation bar includes 'Amazon S3' > 'Buckets' > 'kkrish-s3-bucket'. Below the navigation is a breadcrumb trail: 'kkrish-s3-bucket' with a 'Info' link. A horizontal menu bar contains 'Objects' (which is selected), 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. Underneath this is a toolbar with buttons for 'Upload' (highlighted in orange), 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and a gear icon. A search bar labeled 'Find objects by prefix' is present. The main content area displays a table of objects:

Name	Type	Last modified	Size	Storage class
manifest.json	json	November 9, 2024, 12:10:40 (UTC+05:30)	287.0 B	Standard
netflix_titles.csv	csv	November 9, 2024, 12:05:53 (UTC+05:30)	3.2 MB	Standard

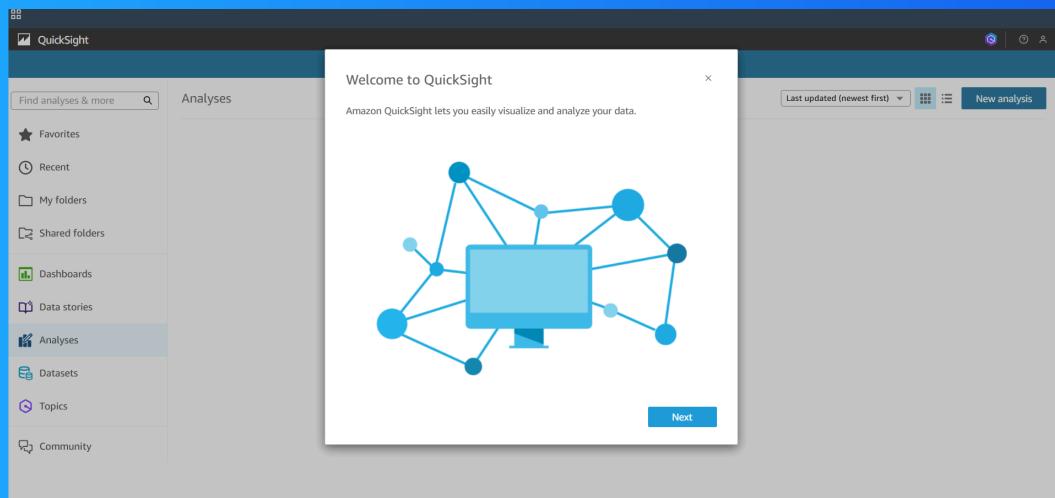


Kkrish Singh

# Create QuickSight account

Creating a QuickSight account cost me 0\$ - It's absolutely free.

Creating an account took me about 2 minutes which is pretty fast



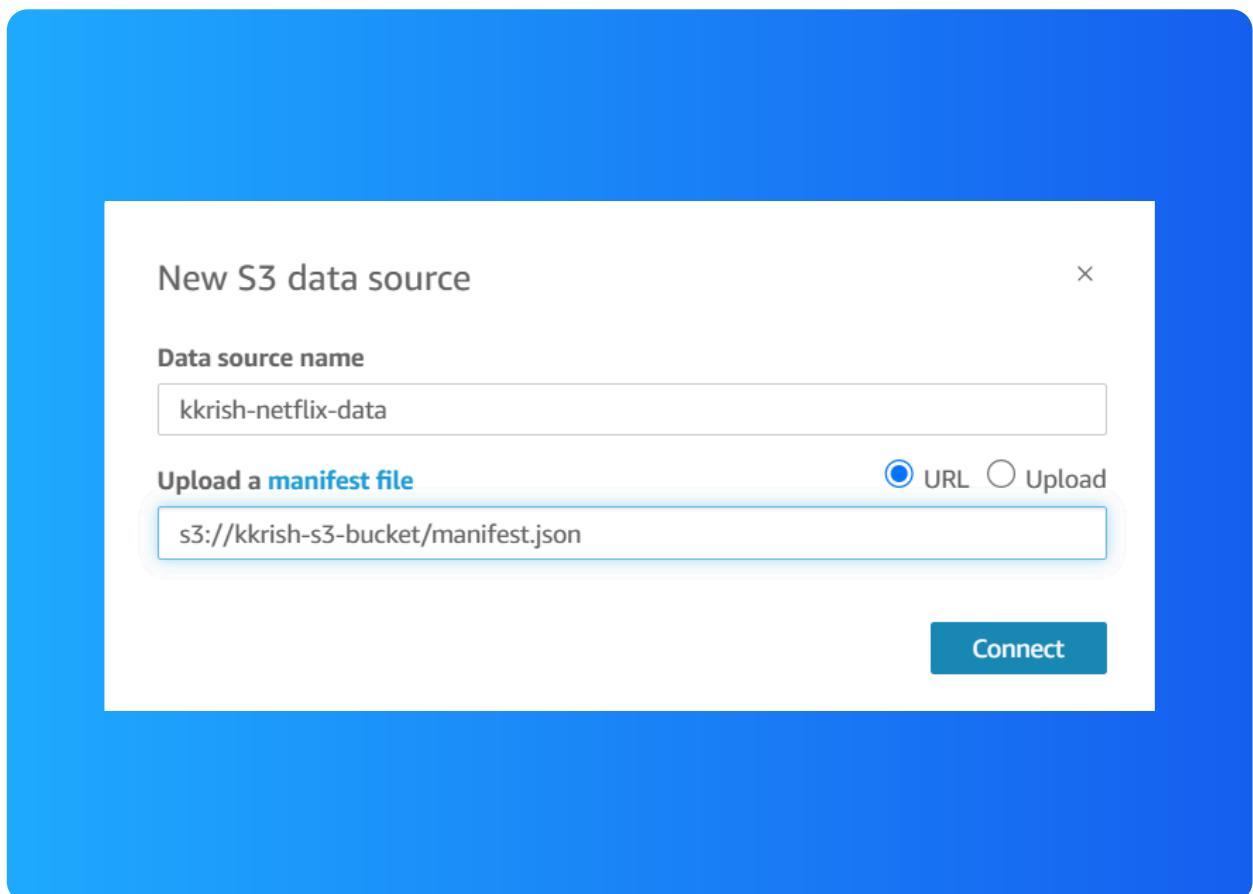


Kkrish Singh

# Download the Dataset

I connected the S3 Bucket to QuicK Sight by visiting data sets in Quickset and connected my created S3 bucket to it with the help of manifest.json s3 URL link

The manifest.json file was important in this step because it connected the data set of QuickSight to my Netflix-titles data set.





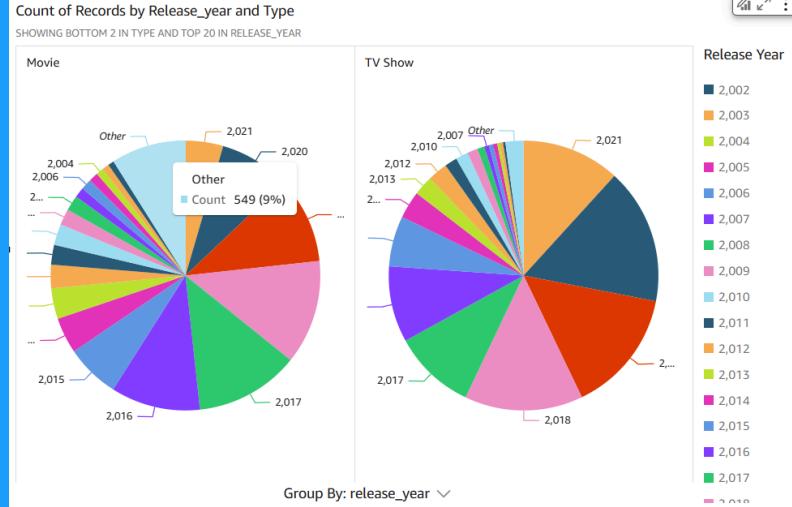
Kkrish Singh

# My first visualization

To create visualizations on QuickSight , I'll drag relevant fields into the QuickSight dashboard's Autograph space

The chart/graph shown here is a breakdown of Counts of Records by Release year and The Type i.e. Shows and Movies.

I created this graph by dragging and dropping 'Release year-set' and 'Type-set' to the dashboard

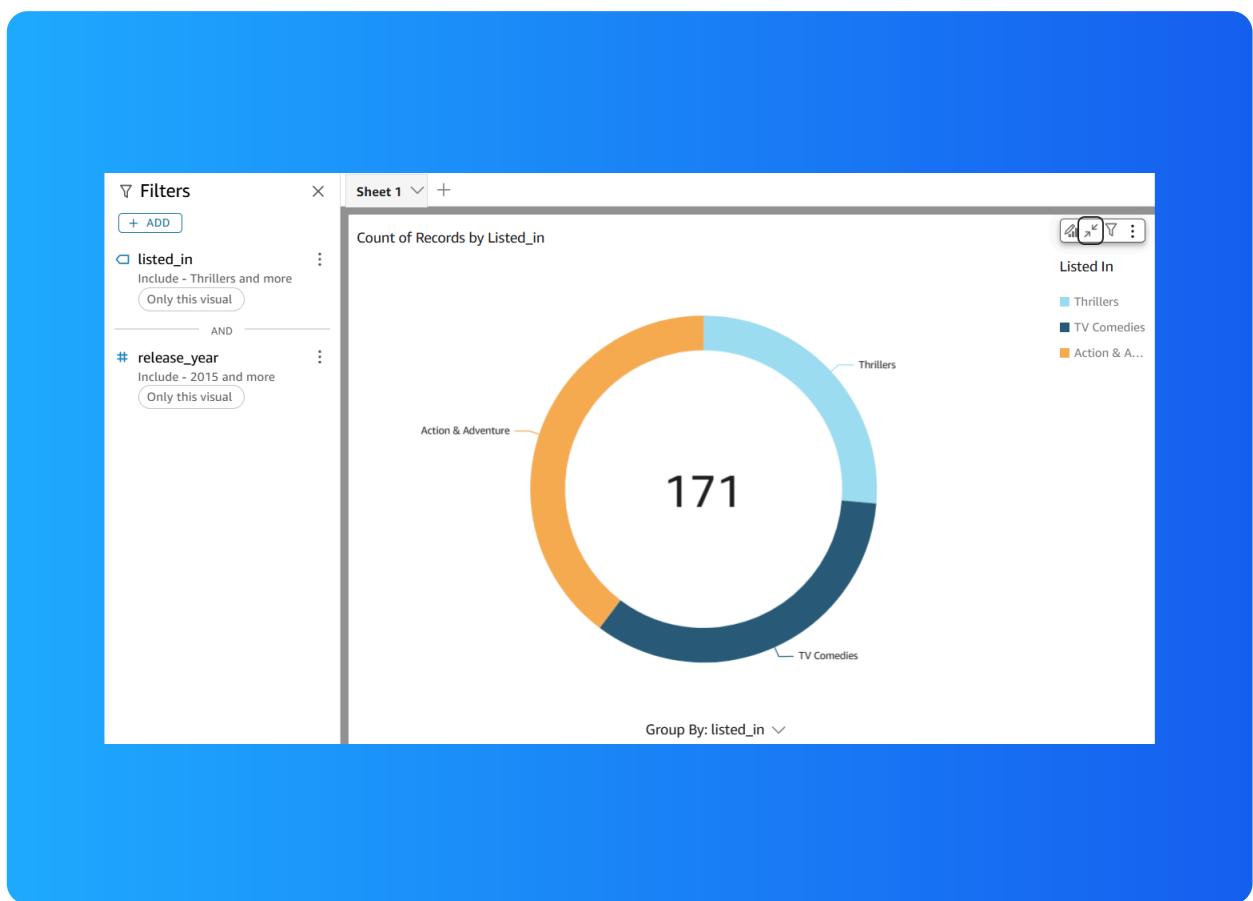


Kkrish Singh

# Using filters

Filters are Useful for Specifying the exact subset of data that you want to analyze effectively excluding irrelevant data

Here i added a filter by excluding Movies and Tv shows that were released prior to the year 2015. This helped me to create a visualization on Movies and TV Shows off 3 genres I specified that were released from 2015 onwards





Kkrish Singh

# Setting up a dashboard

As a finishing touch, I edited the titles of my graph to increase the readability of my dashboard

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

