

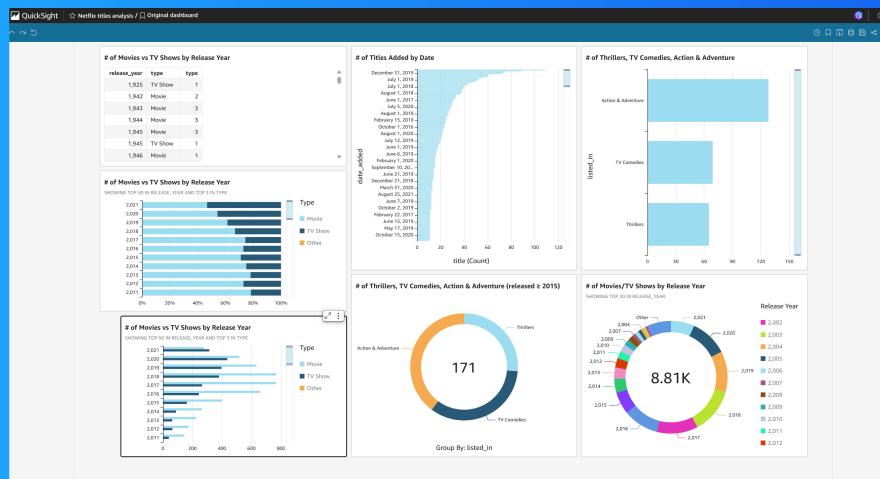


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# Visualize data with QuickSight



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# Introducing Today's Project!

## What is Amazon QuickSight?

Amazon QuickSight is a service provided by AWS, it helps you analyse data and create visualisations easily.

## How I used Amazon QuickSight in this project

I used Amazon QuickSight to sort, filter, and customise my data top create visualisations. I can also did experiment with different types of graphs like bar charts, pie charts, line graphs, etc.

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

One thing I didn't expect in this project was , creating such beautiful and understandable visualisations of data.

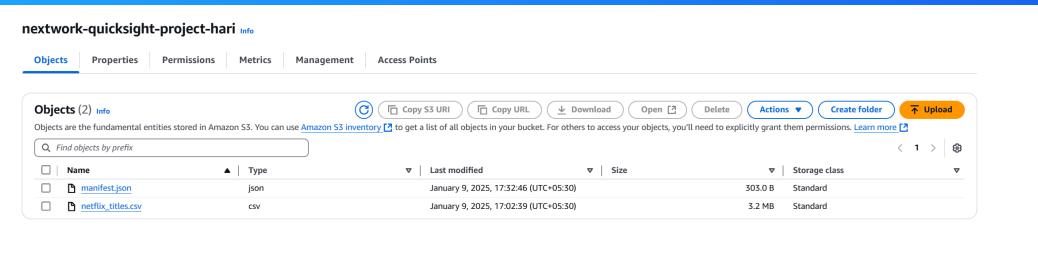
## This project took me...

This project took me 2 Hours to complete include documentation.

# Upload project files into S3

S3 is used in this project to store two files, which are manifest.json and netflix\_titles.csv.

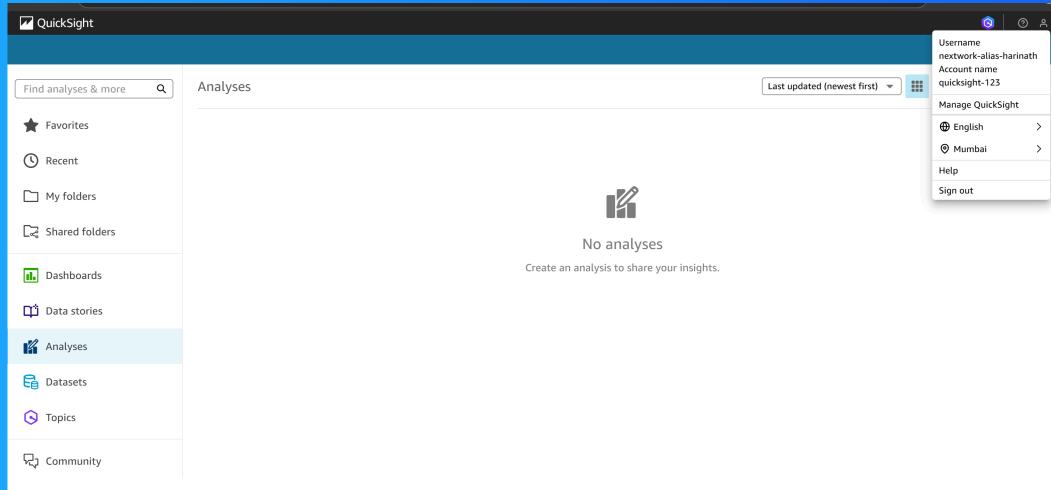
I edited the manifest.json file by updating the S3 URI of my dataset. It's important to edit this file because keeping an outdated S3 URI means that manifest.json would be directing to the wrong address.



# Create QuickSight account

Creating a QuickSight account cost, it's completely free and you will check the box which is FREE.

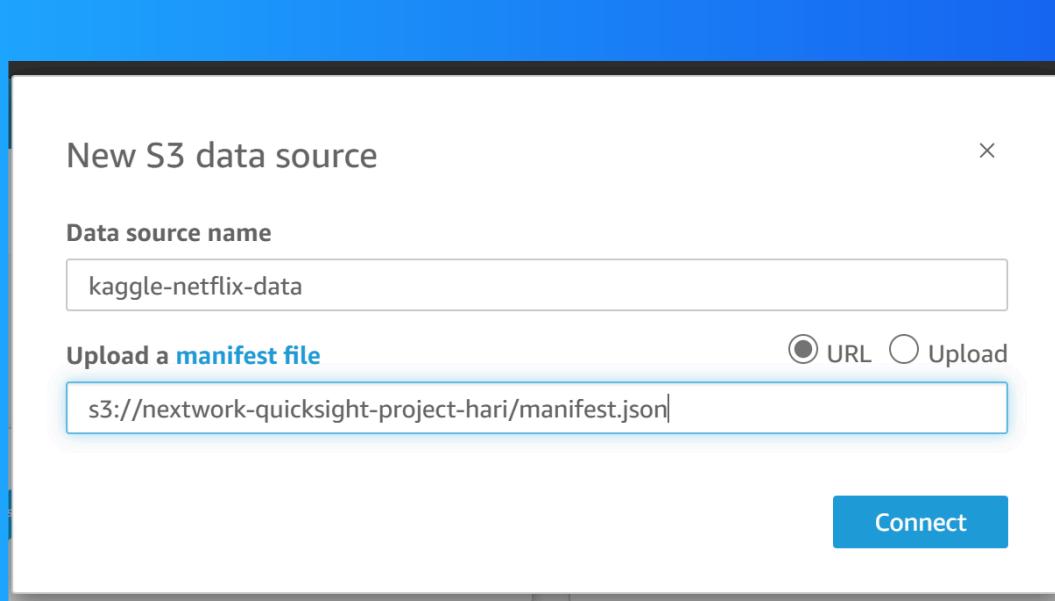
Creating an account took me two minutes to set up and wait for account creation - pretty fast !



# Download the Dataset

I connected the S3 bucket to QuickSight by visiting the S3( Visiting my Bucket) and Select the checkbox next to manifest.json, then select Copy S3 URL.

The manifest.json file was important in this step because manifest.json tells QuickSight what your dataset looks like, so QuickSight knows how to understand the data and show it in charts or graphs.

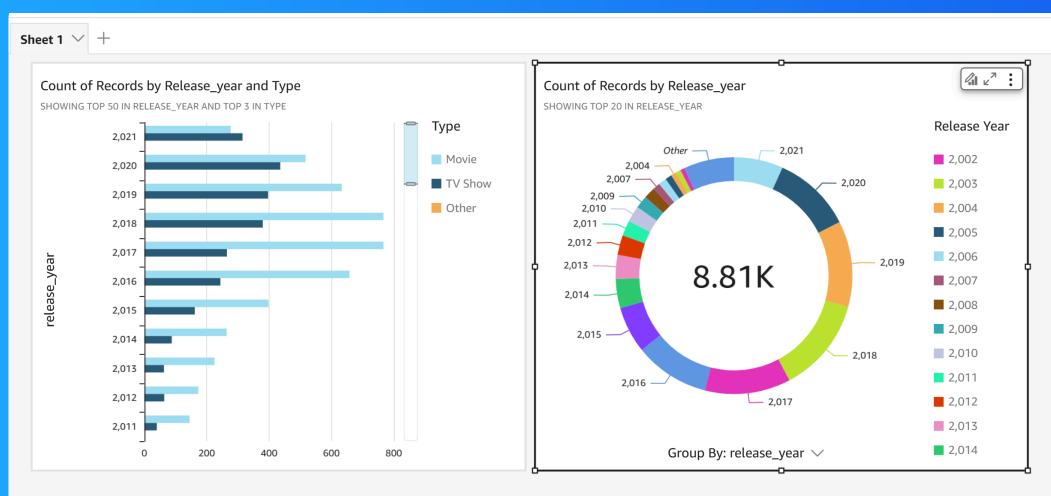


# My first visualization

To create visualizations on QuickSight, I have to drag relevant fields into the QuickSight dashboard's AutoGraph space.

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

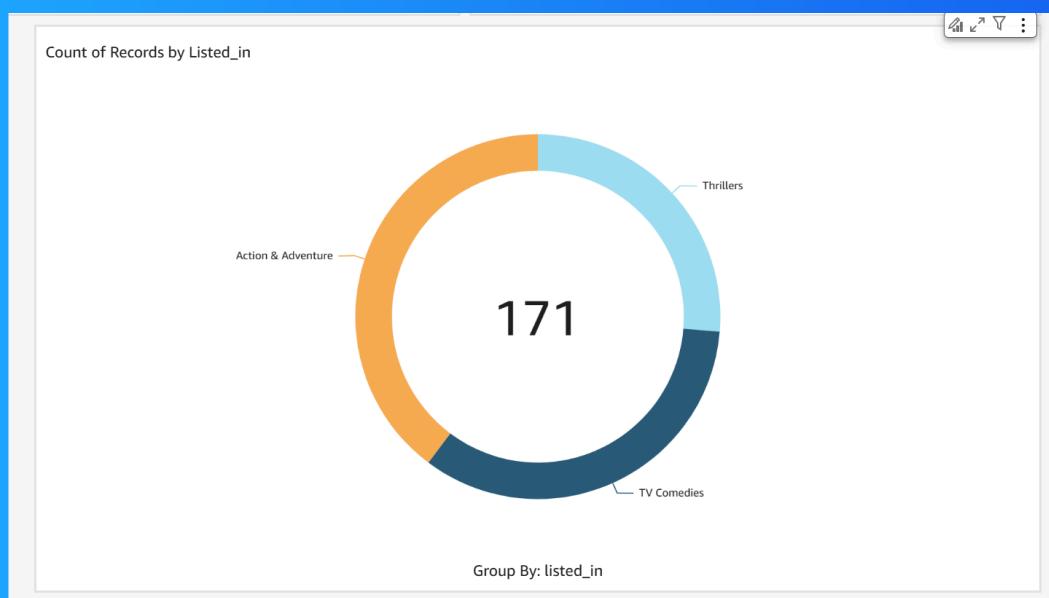
I created this graph by putting the release year on the y-axis, and making the type( i.e movie or tv show) the grouping variable.



# Using filters

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

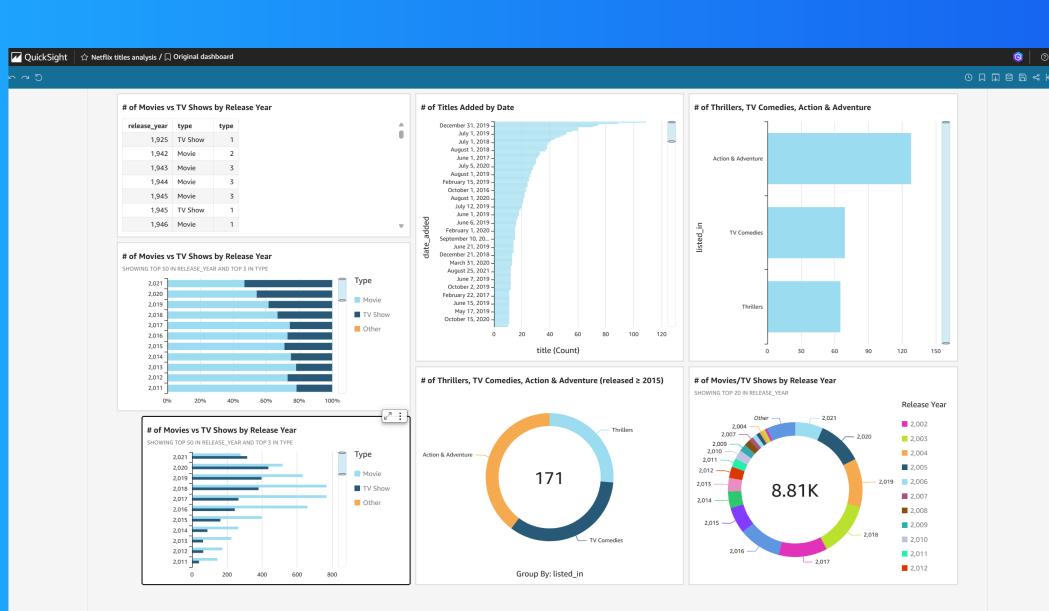
Here I added a filter by excluding movies and TV shows that were released before 2015. This helped me create a visualisation on movies and TV shows of the three genres I specified that were released from 2015 onwards.



# 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





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