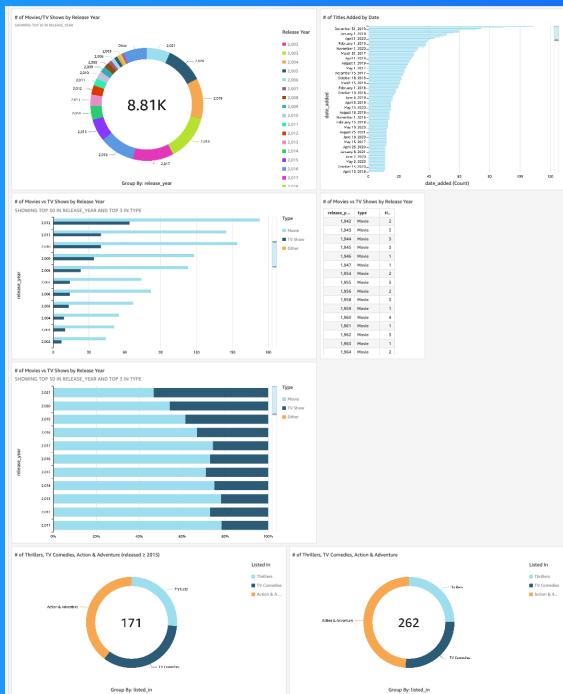




# Visualize data with QuickSight



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# Introducing Today's Project!

## What is Amazon QuickSight?

Amazon QuickSight is a cloud-based business intelligence (BI) service offered by Amazon Web Services (AWS). Amazon QuickSight helps you analyse data and create visualisations easily.

## How I used Amazon QuickSight in this project

I used it to represent a large dataset in a vizualistic manner. ( Using various types of graphs, filters )

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

To be this easy

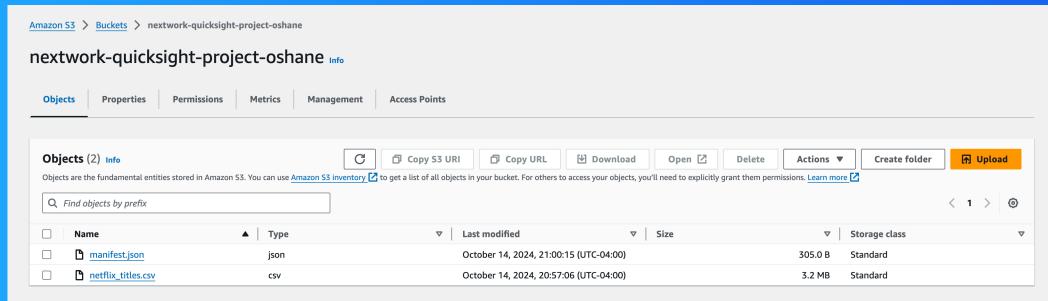
## This project took me...

1.5 hours

# Upload project files into S3

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

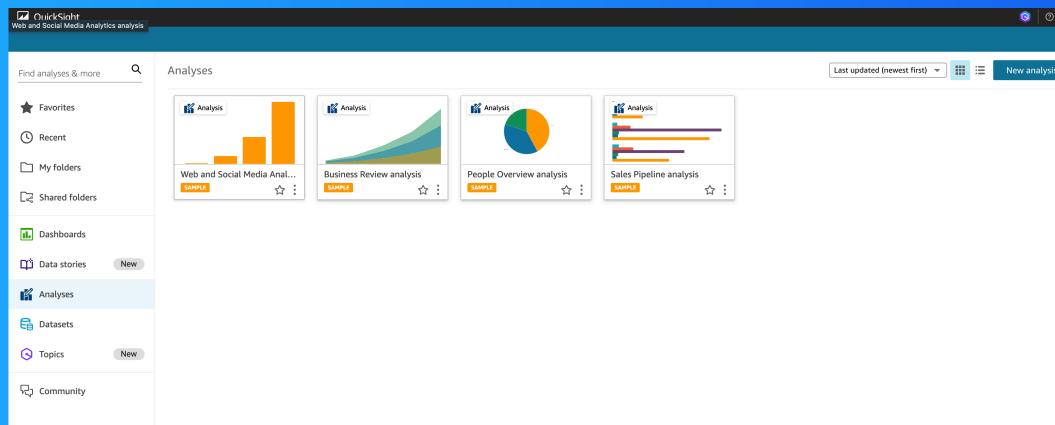
I edited the manifest.json file by adding the S3 URL of my netflix\_titles.csv file. It's important to edit this file because it creates a direct path to the file within the S3 bucket, making it accessible for my application or website.



# Create QuickSight account

Creating a QuickSight account cost nothing. You gain a free trial for 30 days.

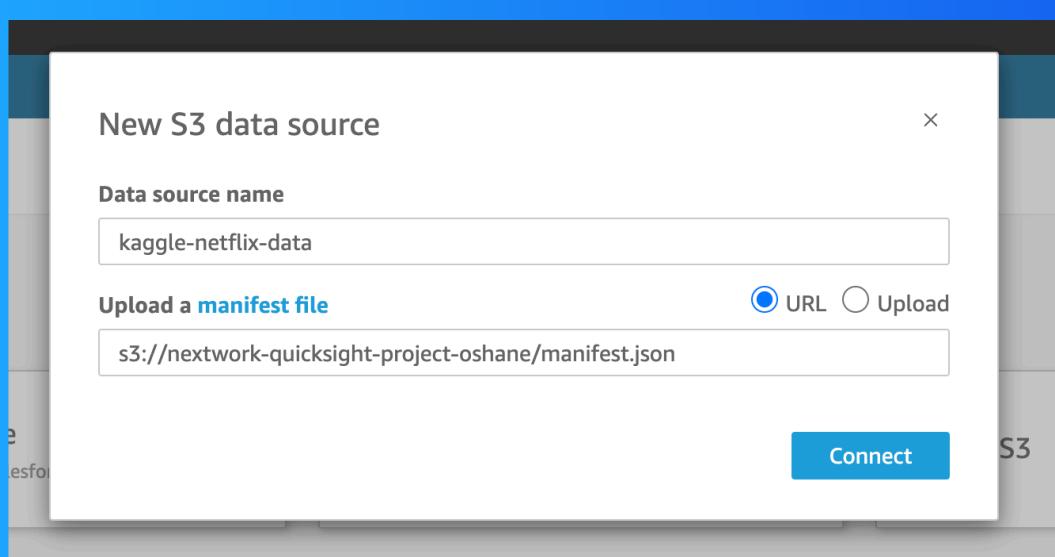
Creating an account took me 1min



# Download the Dataset

I connected the S3 bucket to QuickSight by visiting Datasets page

The manifest.json file was important in this step because it provides QuickSight with the exact location of the data files in my S3 bucket.

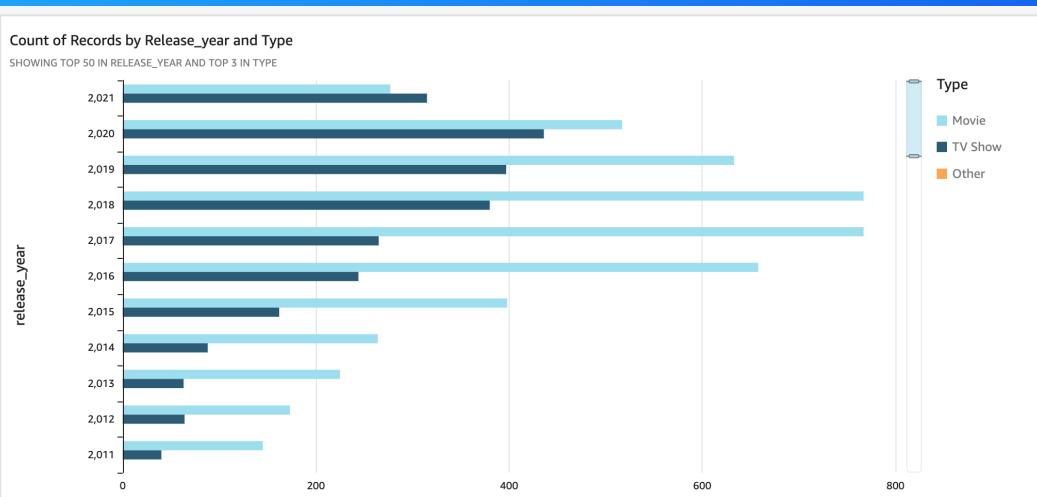


# My first visualization

To create visualizations on QuickSight, I used the dataset's fields in left hand panel and drag the fields into the graph to create visualisations.

The graph shown here is a breakdown of the count of the number of records by release year and type. The y-axis represents the release\_year and each colour of the bars represent the type ( Movie, TV show, Other ).

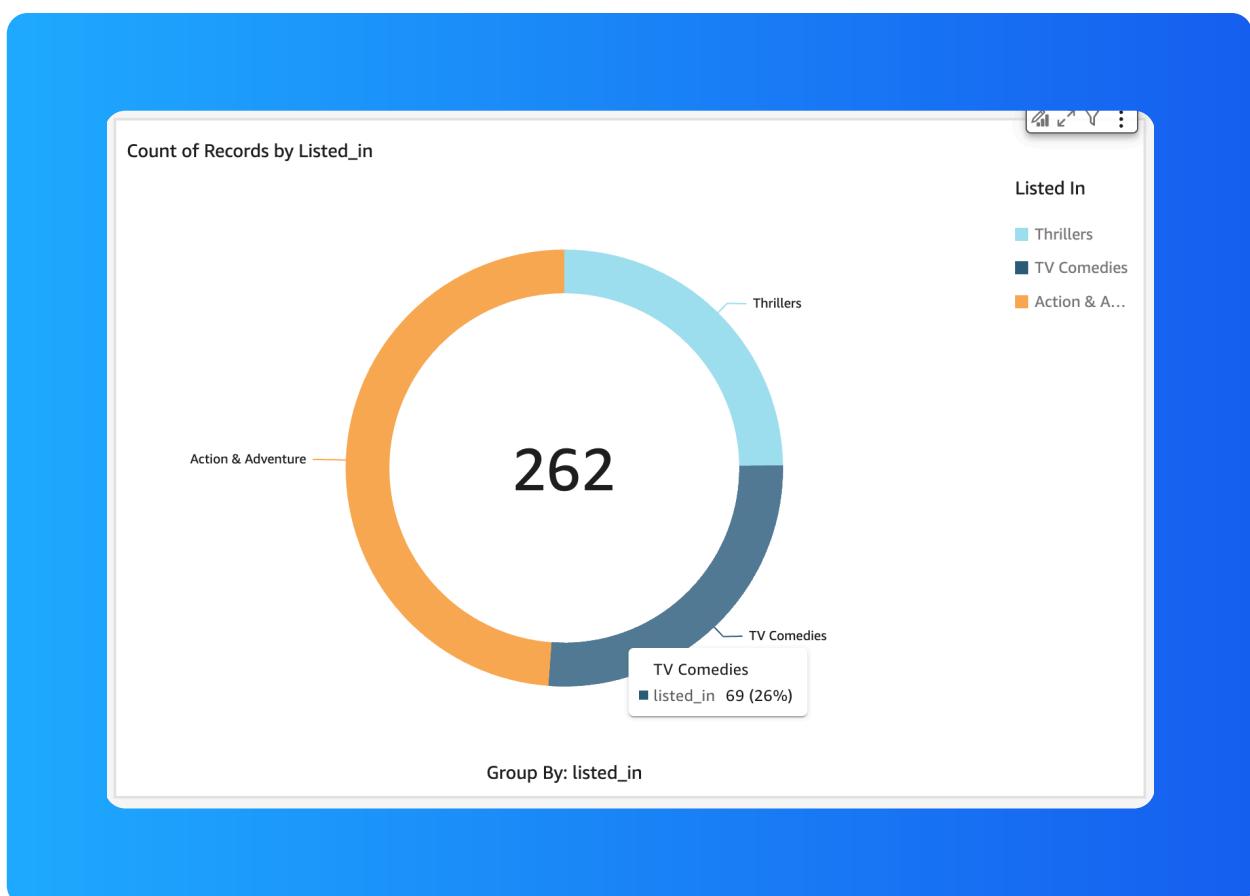
I created this graph by dragging and dropping the data feilds on the axes on the visuals tab.



# Using filters

Filters are useful for controlling and refining the data that is displayed in visualizations, dashboards, and analyses

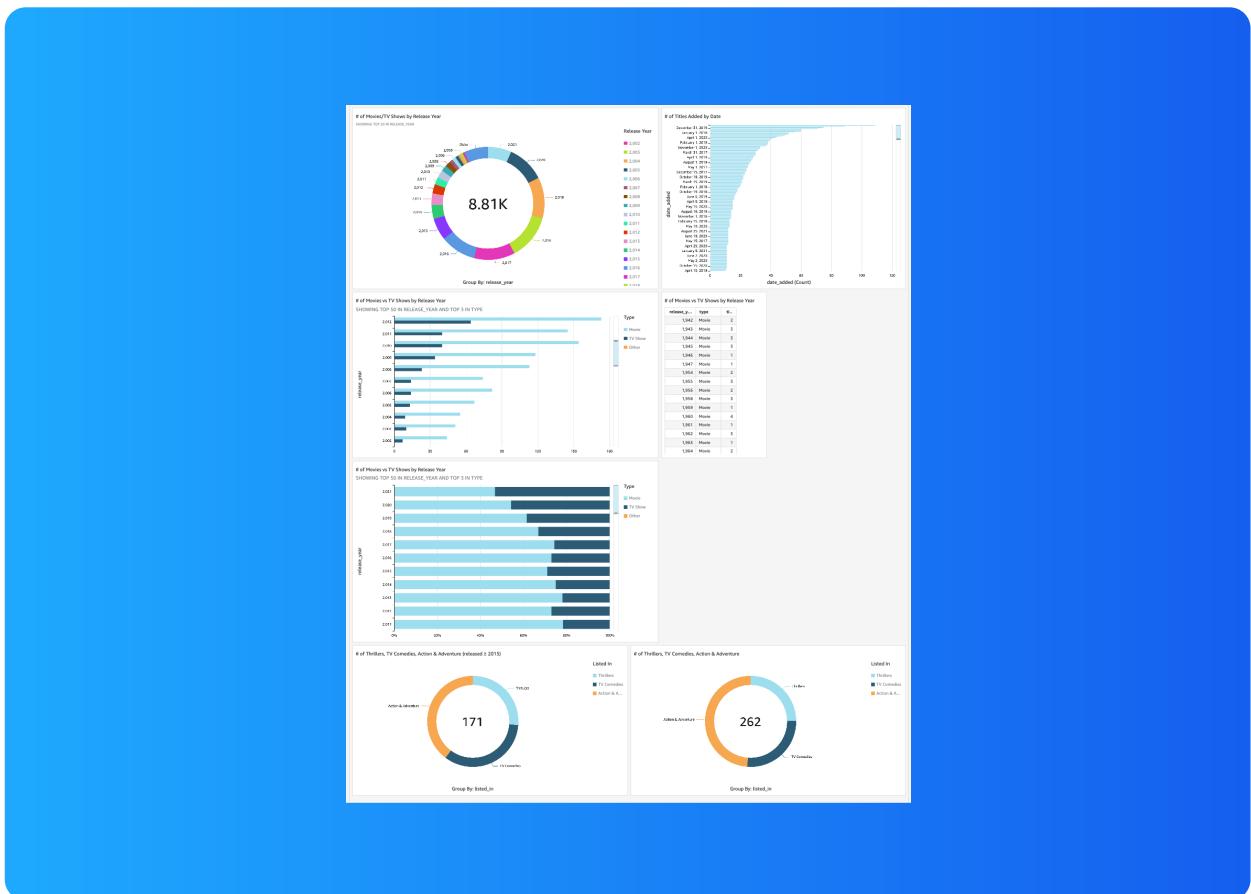
This visualization is a breakdown of the TV shows and movies featured, how many were listed as 'Action & Adventure', 'TV Comedies', or 'Thrillers'. Here I added a filter by de-selecting all the other genres in the filters tab for data field: listed\_in



# Setting up a dashboard

As a finishing touch, i added titles to each table/chart

Did you know you could export your dashboard as PDFs too? I did this by selecting the Export icon on the top right hand corner. Then select Generate PDFs and download





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