# Visualize data with QuickSight

## Introducing Today's Project!

### What is Amazon QuickSight?

Amazon QuickSight is a cloud BI tool that creates interactive dashboards and reports from multiple data sources. It offers fast analysis, AI-driven insights, and real-time visualizations with scalable, cost-efficient pricing.

### How I used Amazon QuickSight in this project

I used Quicksight to visualiuze the data that is present in my s3 bucket.

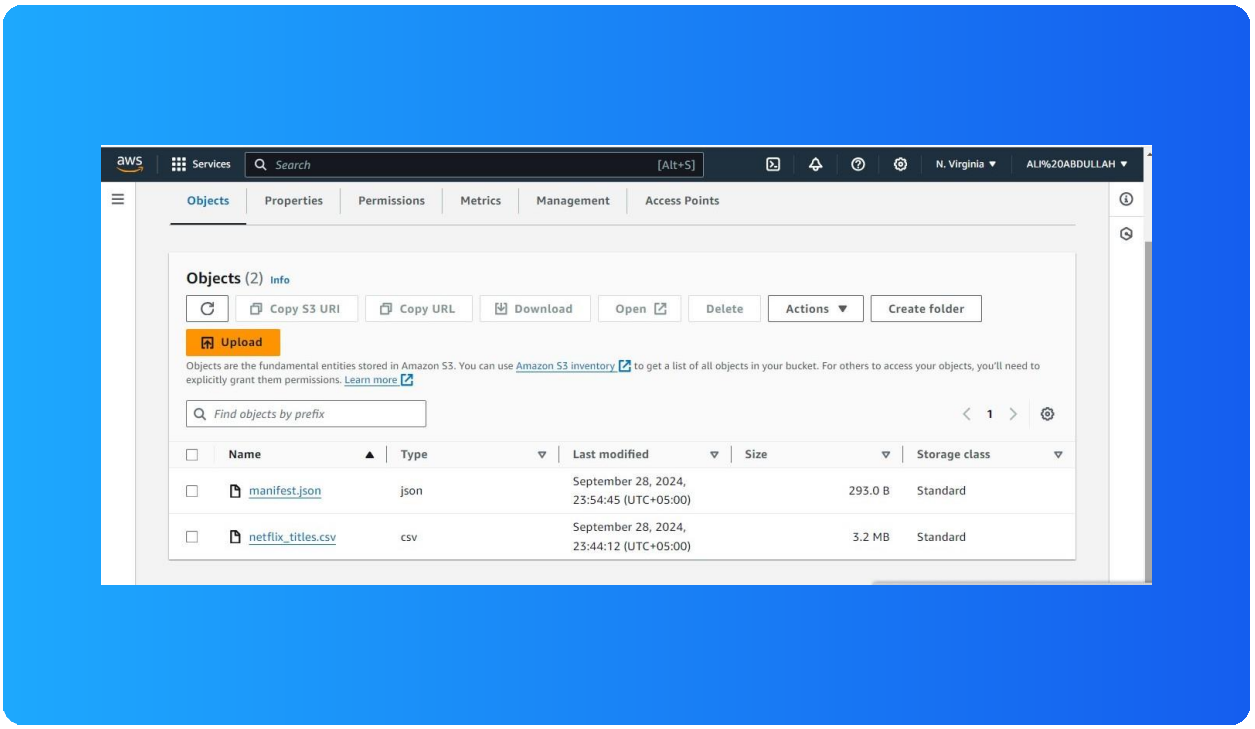
### This project took me...

It took around 2 Hours to complete this task.

# Upload project files into S3

I stored netflix data and manifest.json file in S3 Bucket

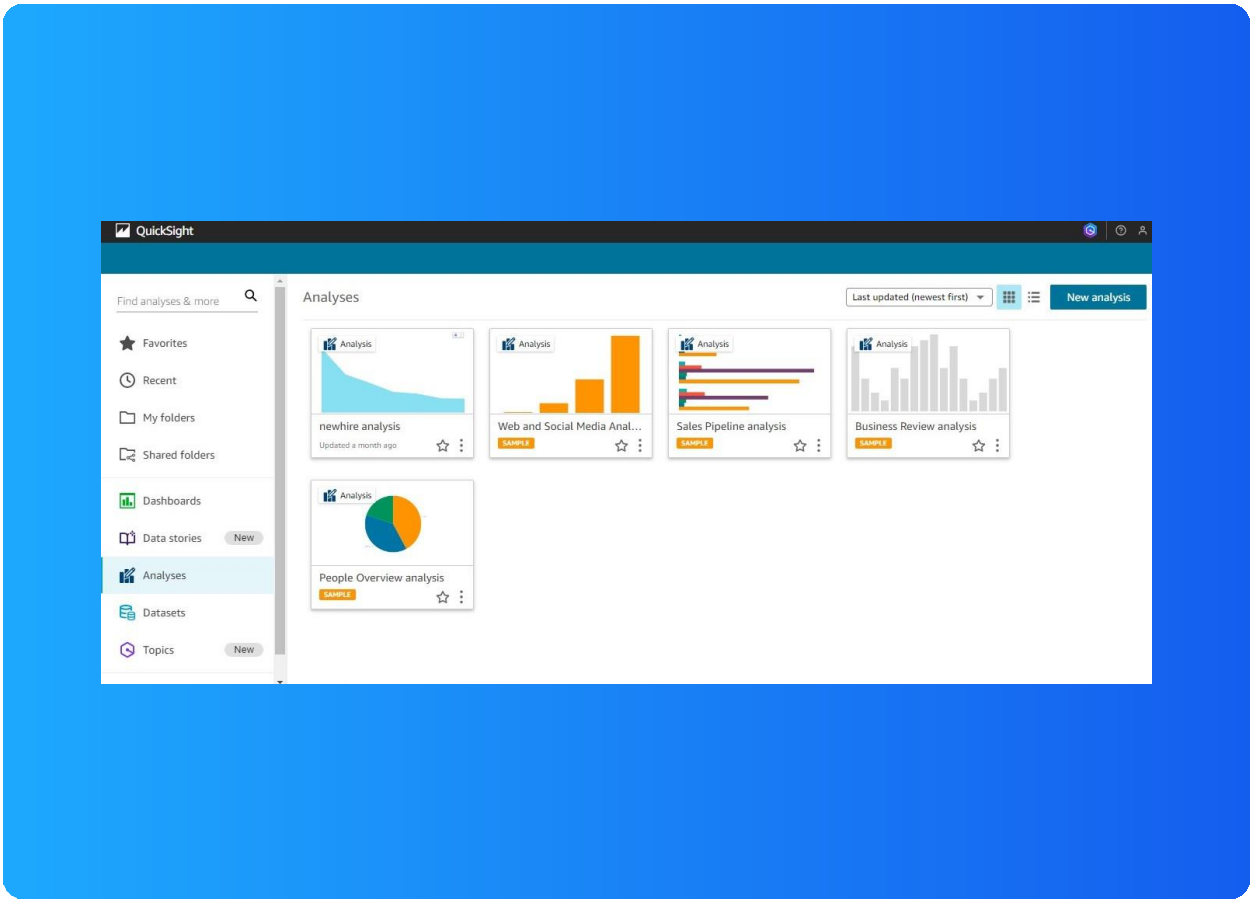
I edited the manifest.json file by updating the S3 URI of my dataset. It's important to edit this file because an outdated URI would cause the application to reference the wrong dataset location, leading to errors in data processing and visualization



# Create QuickSight account

I used the free trial of quicksight which lasts for only 30 days.

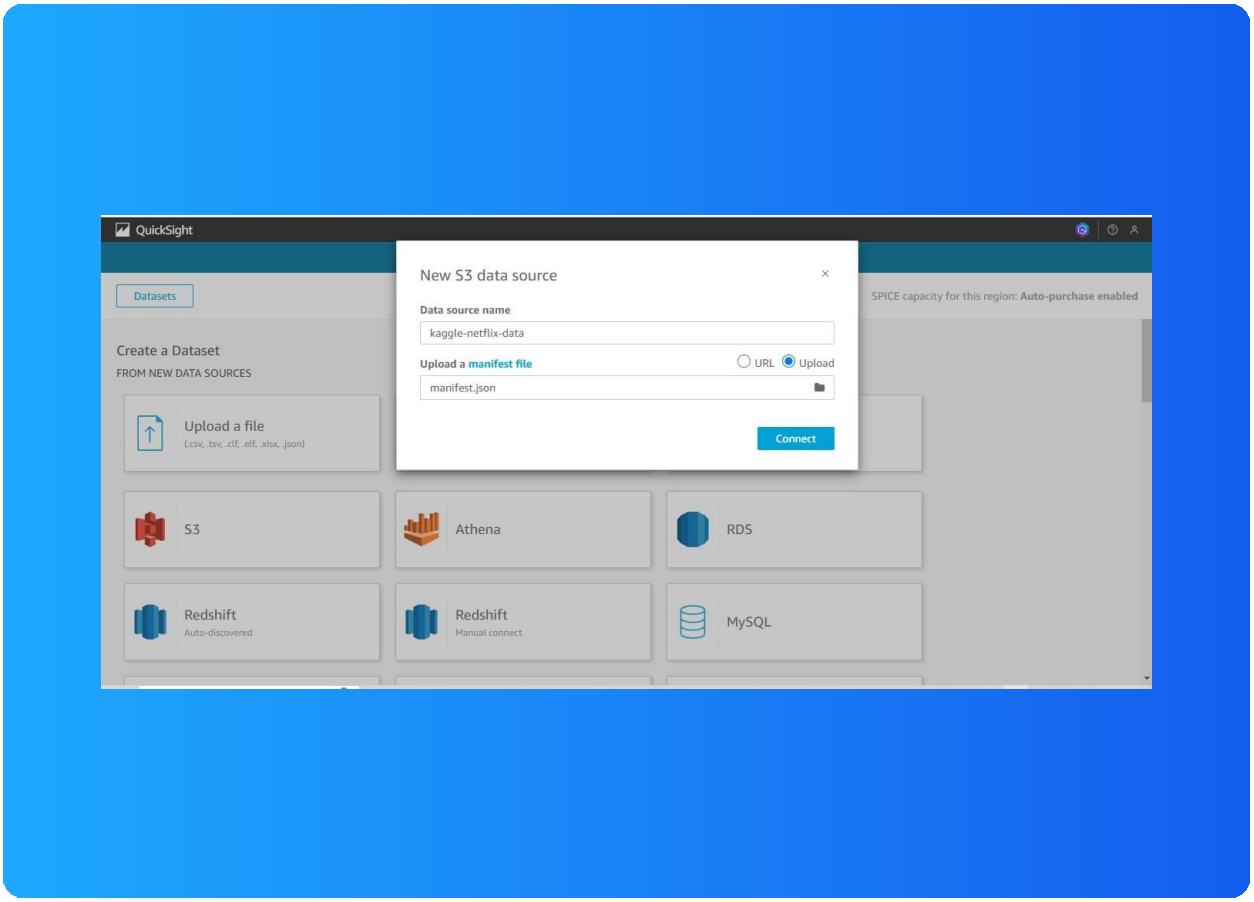
It took around 2 minutes to create quicksight account



# Download the Dataset

I connected the S3 bucket with QuickSight by visiting dataset page

The manifest.json file is like a map that tells Amazon QuickSight where your data lives and how to read your data

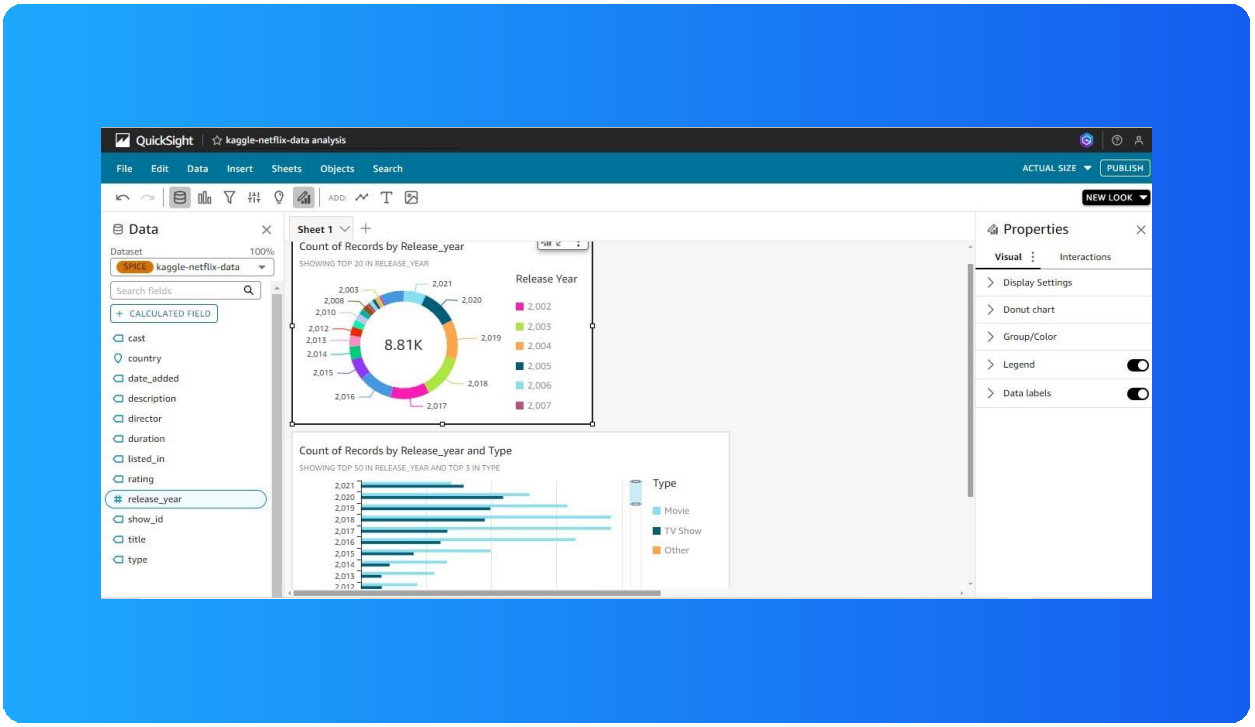


# My first visualization

I created visualizations by draging the relevant fields into the dashborads space in Quicksight.

The chart/graph shown here is a breakdown of movies and TV shows every release year.

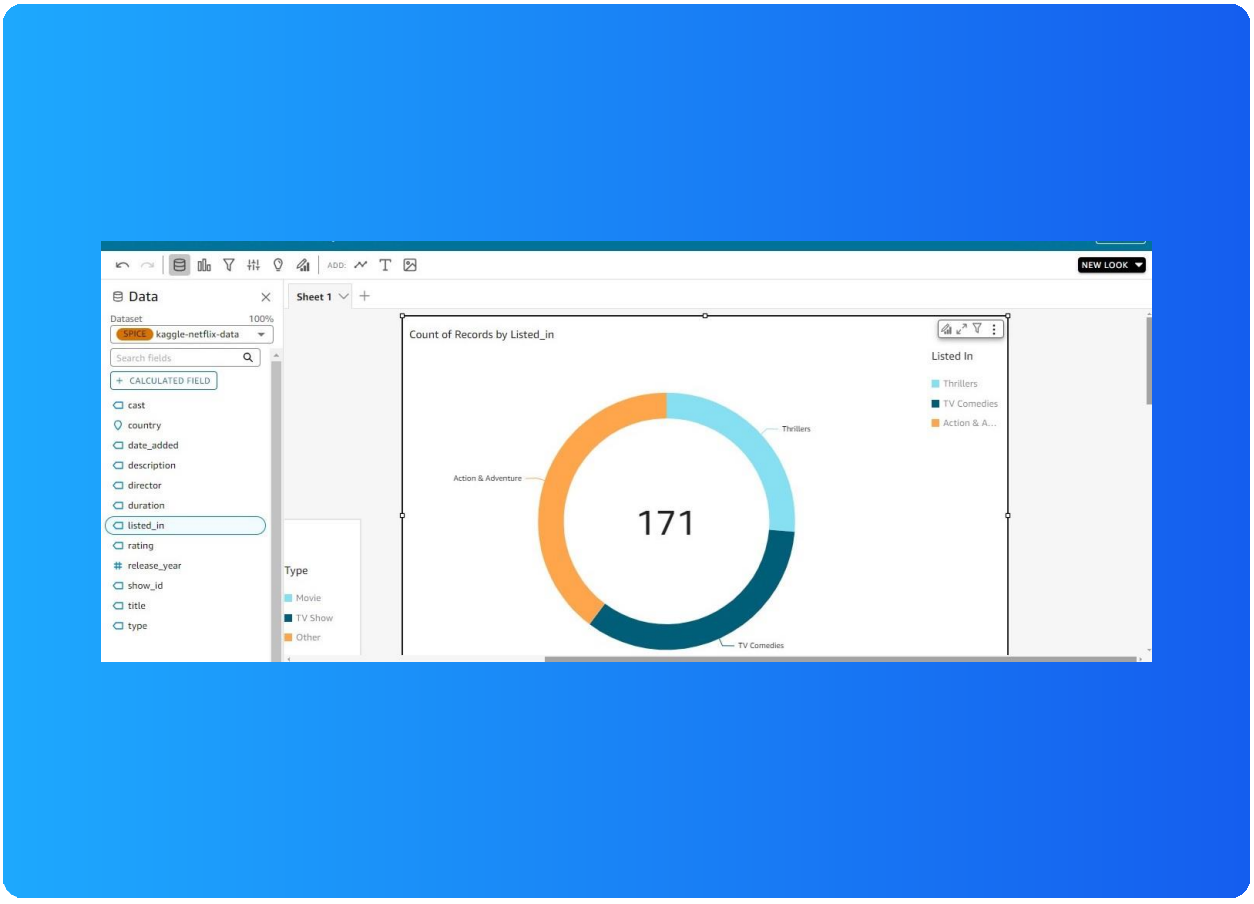
I created this visualization by putting release year into y-axis and putting type(movies vs TV shows) into grouping field.



# Using filters

Filters are useful for analyzing and visualizing the only required data .

This Visualization shows TV shows and movies with the listing 'Action & Adventure', 'TV Comedies', or 'Thrillers' that were released after 2015 or in 2015.



# Setting up a dashboard

Edit the slides On dashboard.

I published the dashboard first and then I exported it using icon at top leftcorner.