

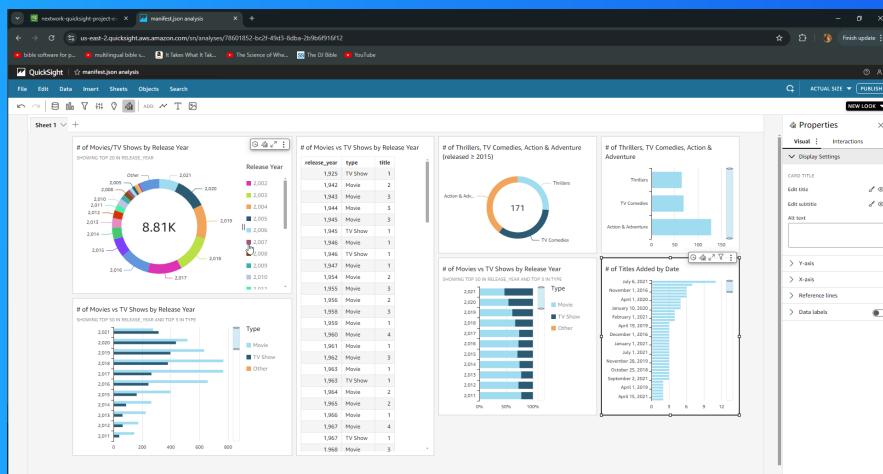


NextWork.org

Visualize data with QuickSight



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Introducing Today's Project!

What is Amazon QuickSight?

QuickSight is a cloud-base business intelligence service that helps users get insights from their data by analyzing and visualizing it.

How I used Amazon QuickSight in this project

I used QuickSight to create graphs, charts, and an analysis of Netflix data from movies and shows.

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

In this project, I did not expect the ease of use in QuickSight from crating the charts to editing them in was an amazing experience.

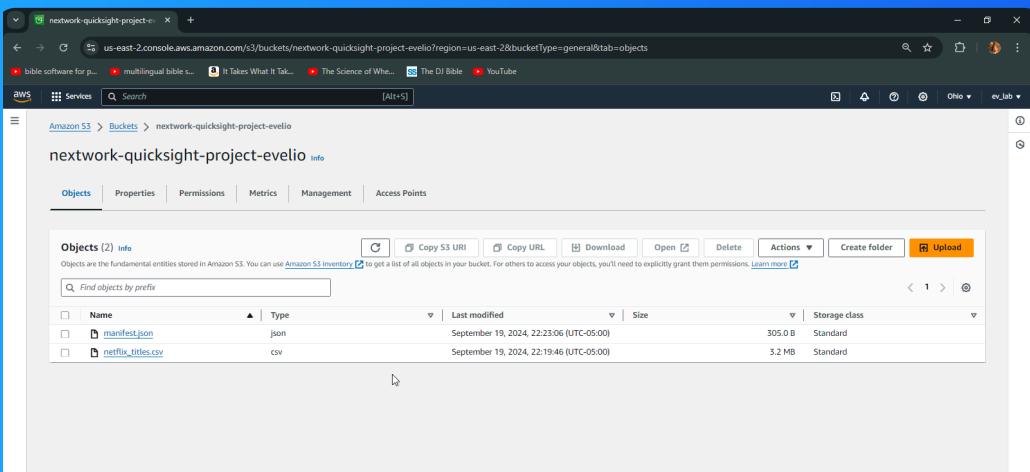
This project took me...

This project took an estimated 1 to 2 hours.

Upload project files into S3

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

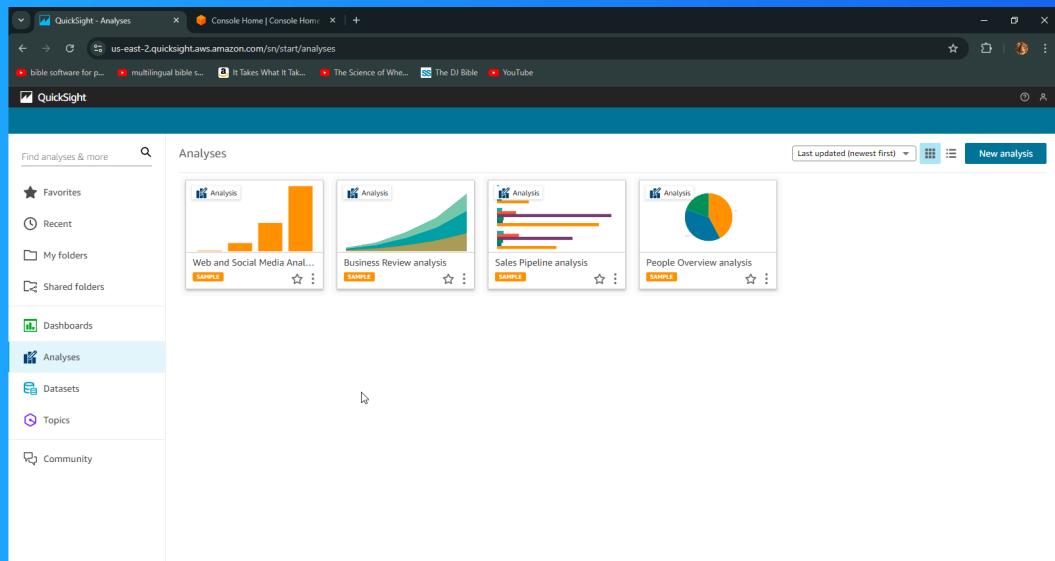
I edited the manifest.json file by updating the S3 URI. It's important to edit this file because the URI must be directed to the correct address for netflix_titles.csv.



Create QuickSight account

Creating a QuicKsight account is free with the trial lasts 30 days.

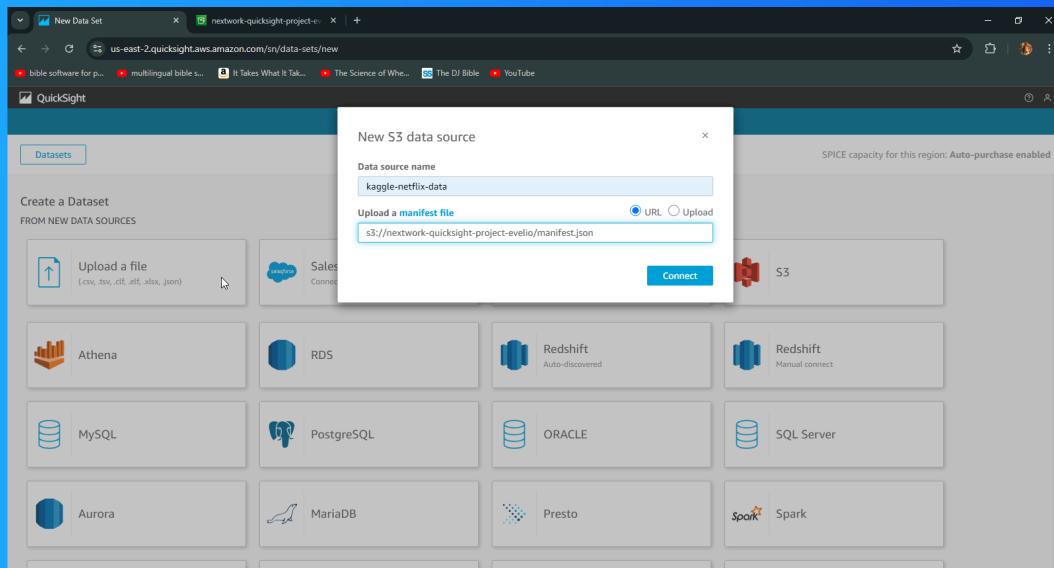
Creating an account took me about 3 min. Due to a quick error while naming the account since it must only contain dashes, letters, and numbers.



Download the Dataset

I connected the S3 bucket to QuickSight by visiting the buckets page on AWS and copied URI S3.

The manifest.json file was important in this step because it tells QuickSight where the location of the data and how to read it. It let's QuickSight know what language the data is in so it can read it correctly.

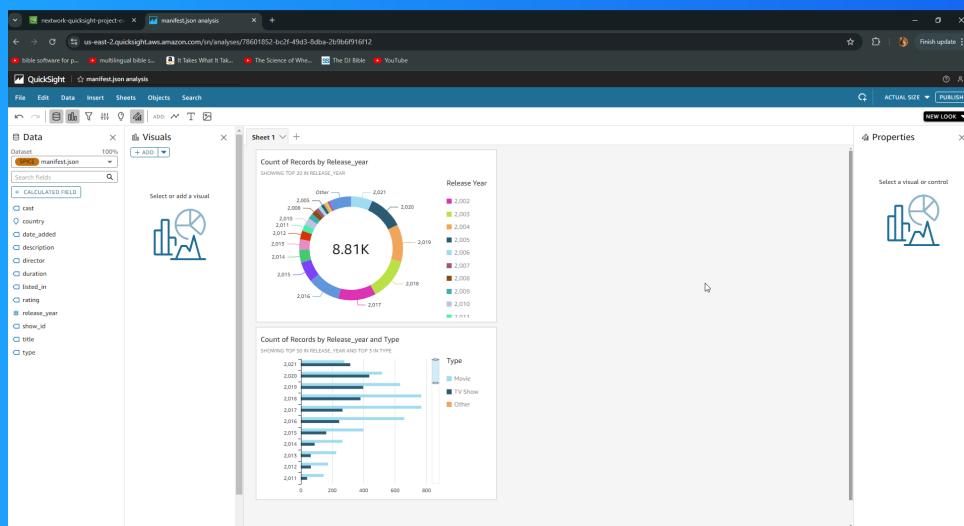


My first visualization

To create visualizations on QuickSight, I selected a chart type from the visualization panel and added the dataset I wanted to visualize.

The charts shown here are a breakdown of the count of records by release year with the donut chart and the horizontal bar chart shows the count of records by release year and type.

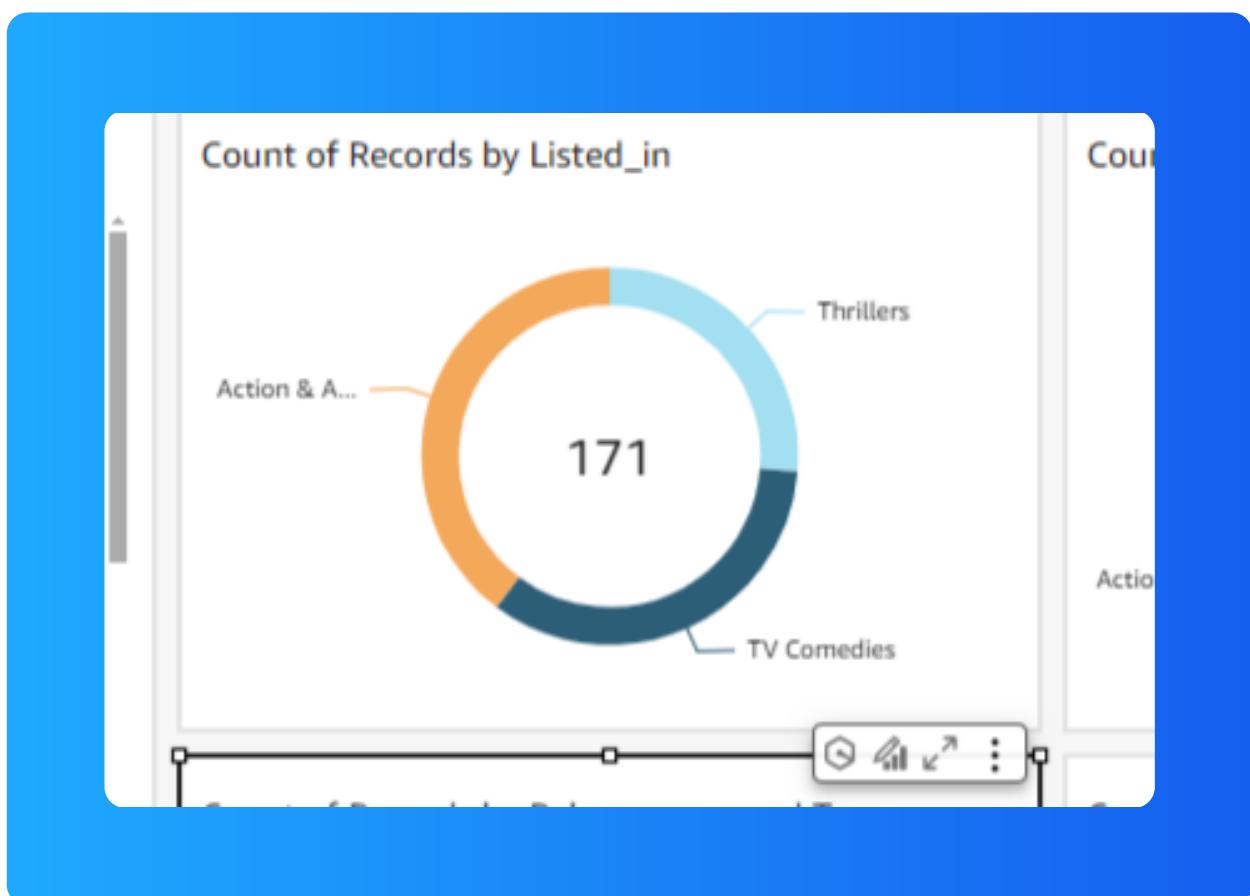
I created this graph by dragging and dropping release_year on the y-axis for the donut chart and the horizontal bar chart dragged and dropped release_year on the y-axis and type in group/color to the.



Using filters

Filters are useful to help clear out all the unwanted data and give you what your looking for.

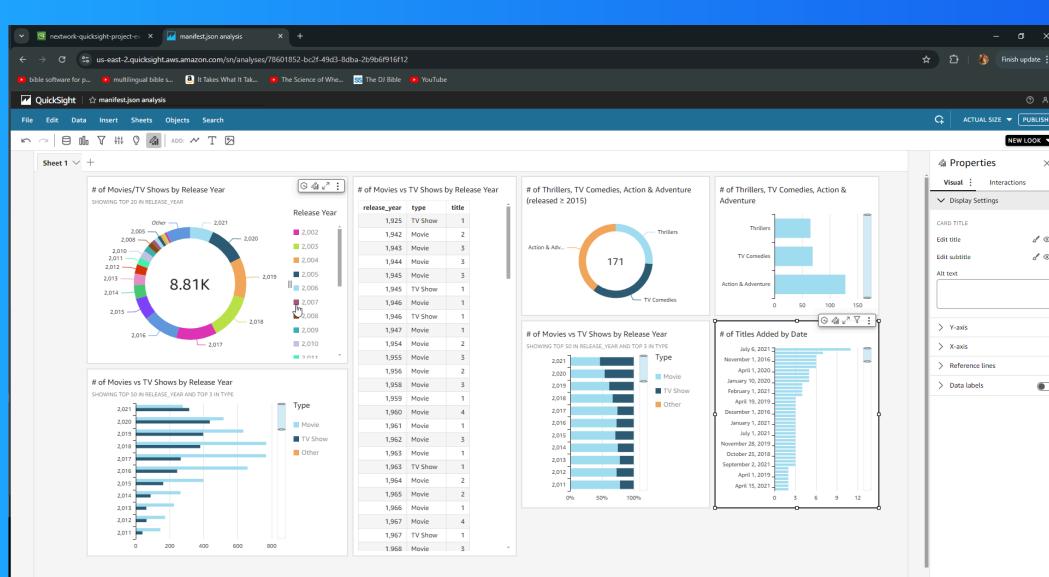
Here I added a filter to show the release year starting from 2015 and forward.



Setting up a dashboard

As a finishing touch, I organized the charts and named them to show what information is on each chart.

Did you know you could export your dashboard as PDFs too? I did this by clicking on Publish naming the dashboard and then Publish Dashboard.





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