

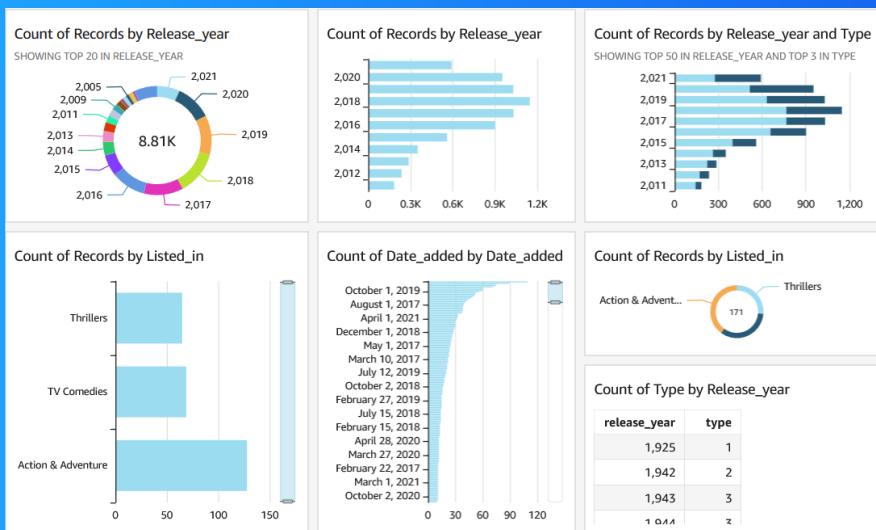


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Visualize data with QuickSight



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Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a service that provides Data Analysis tools. This is useful because it helps generate data visualizations easily.

How I used Amazon QuickSight in this project

I used Amazon QuickSight to generate different data visualizations based on the dataset provided. I used the charts and graphs to answer questions about Netflix' dataset about movie/tv details

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

I didn't expect how fun and interactive this project will be.

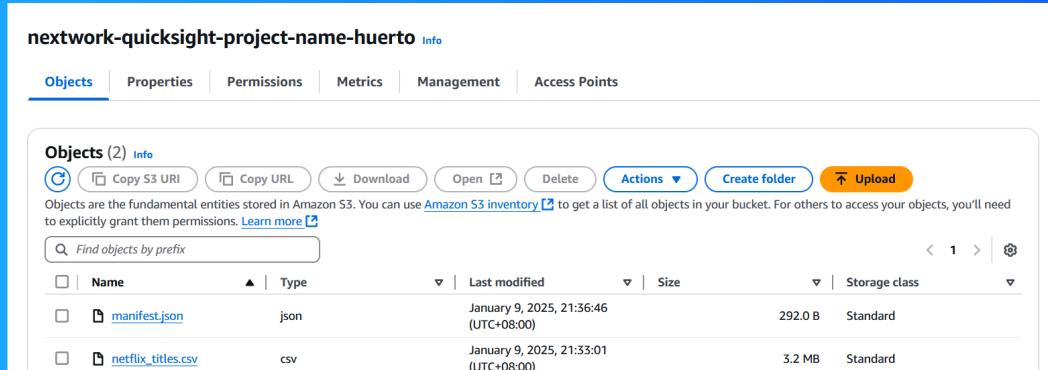
This project took me...

It took me one hour.

Upload project files into S3

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

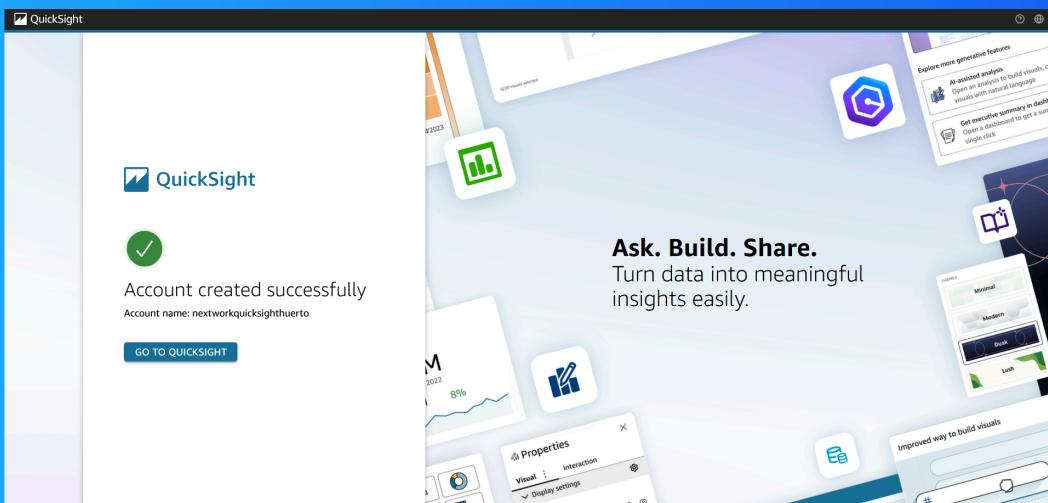
I edited the manifest.json file by opening it in my text editor and replacing the URL with the S3 URL of the data set. It's important to edit this file because the manifest.json needs to point at the specific S3 URL of the dataset object in my bucket



Create QuickSight account

Creating a QuickSight account cost nothing for the free tier.

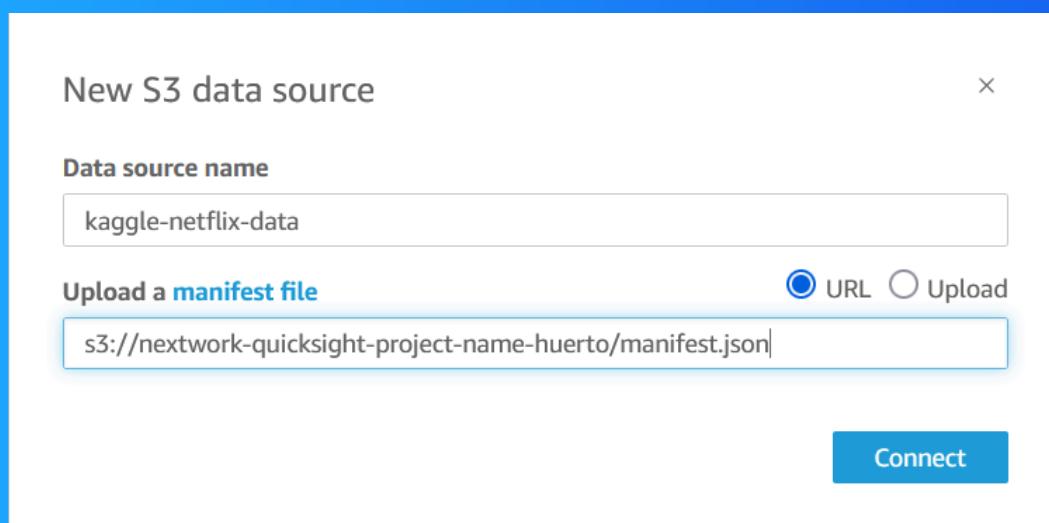
Creating an account took me two minutes.



Download the Dataset

I connected the S3 bucket to QuickSight by visiting the dataset page.

The manifest.json file was important in this step because it informs QuickSight about the dataset, how to understand the data.

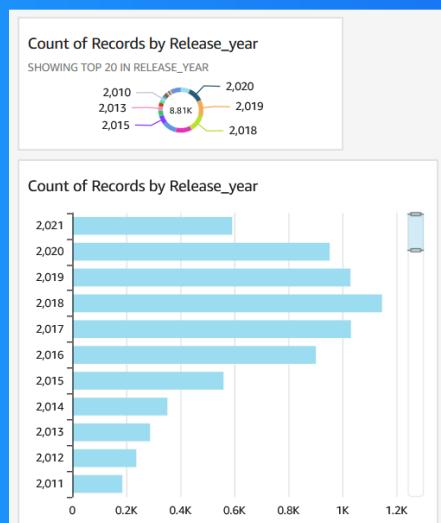


My first visualization

To create visualizations on QuickSight, you drag fields onto the graph.

The chart/graph shown here is a breakdown of records released per year.

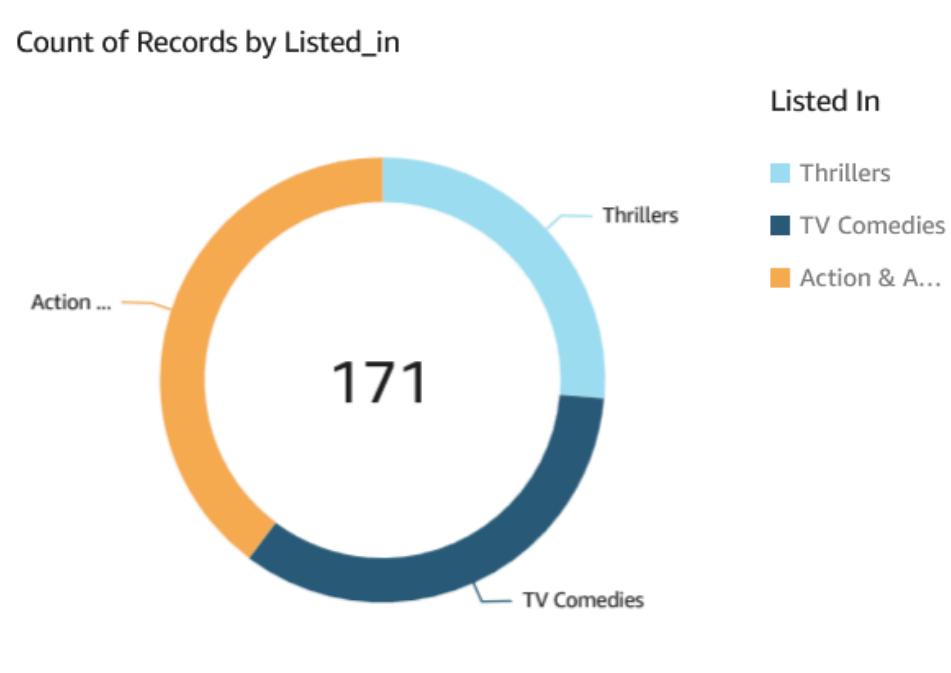
I created this graph by dragging and dropping fields onto the graph. I used the release_year field and displayed it in bar chart and donut chart



Using filters

Filters are useful for only getting specific parts of the data needed.

This visualization is a breakdown of the TV shows and movies with the listing 'Action & Adventure', 'TV Comedies', or 'Thrillers', that were released on 2015 or after. Here I added a filter by clicking the filter button and selecting the genres/years



Setting up a dashboard

As a finishing touch, I organized my graphs/charts and added headers.

Did you know you could export your dashboard as PDFs too? I did this by selecting the export icon and clicking Generate PDF





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