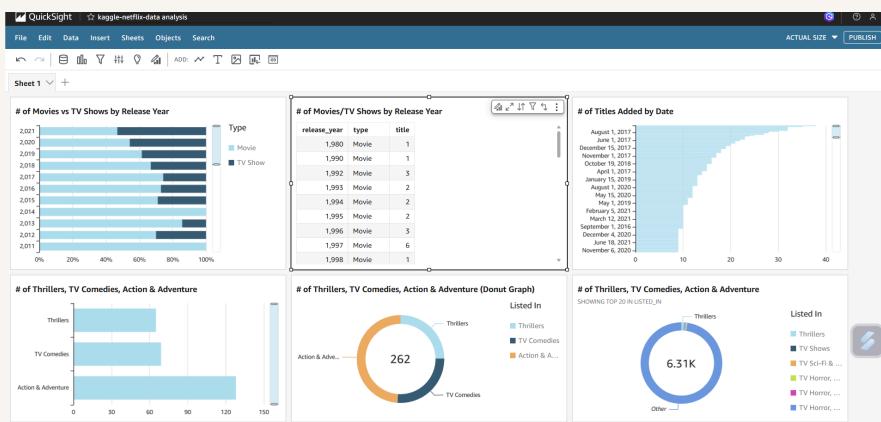


Visualize data with QuickSight



Rajdeep Singh





Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight helps you analyse data and create visualisations easily. Today we're going to analyse a huge dataset of Netflix shows and movies to create a dashboard that extracts all the juicy insights.

How I used Amazon QuickSight in this project

I used Amazon QuickSight to analyze the Netflix dataset by creating interactive dashboards and visualizations to uncover insights like popular genres, viewer trends, and content distribution.

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

I didn't expect how easily Amazon QuickSight could handle complex data transformations and generate insightful visualizations with minimal effort.

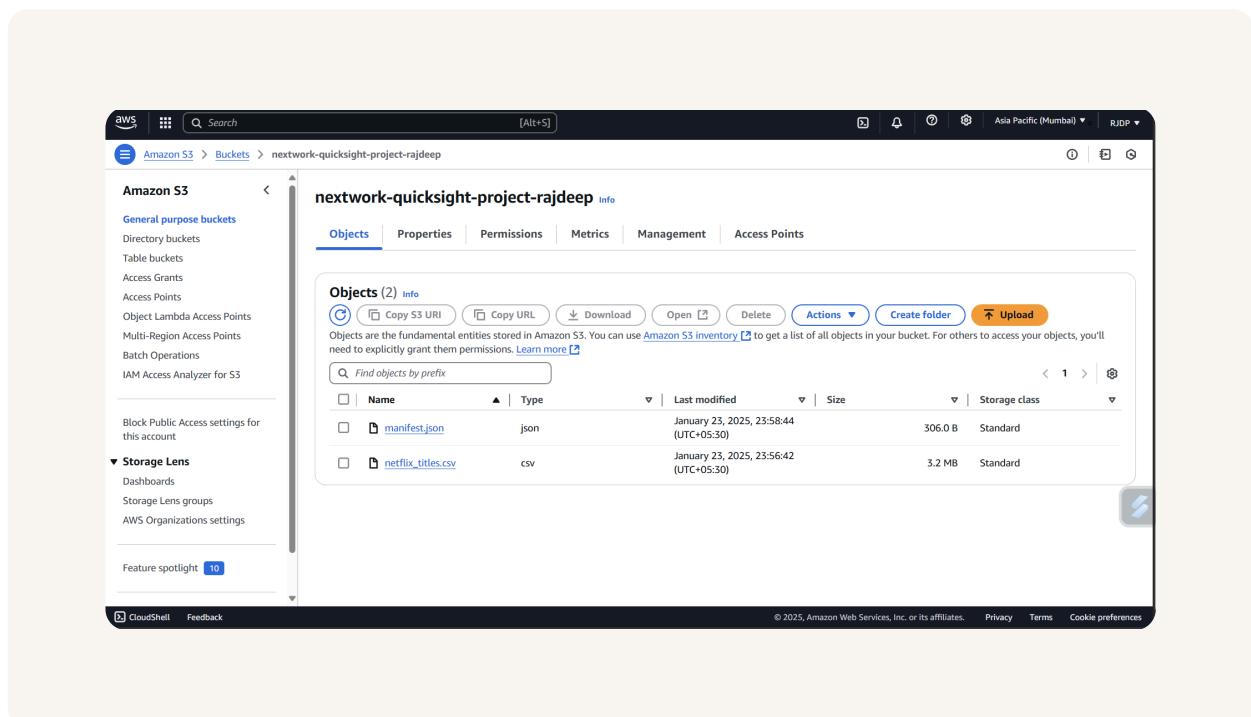
This project took me...

I took me almost 30 minutes to finish this project.

Upload project files into S3

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

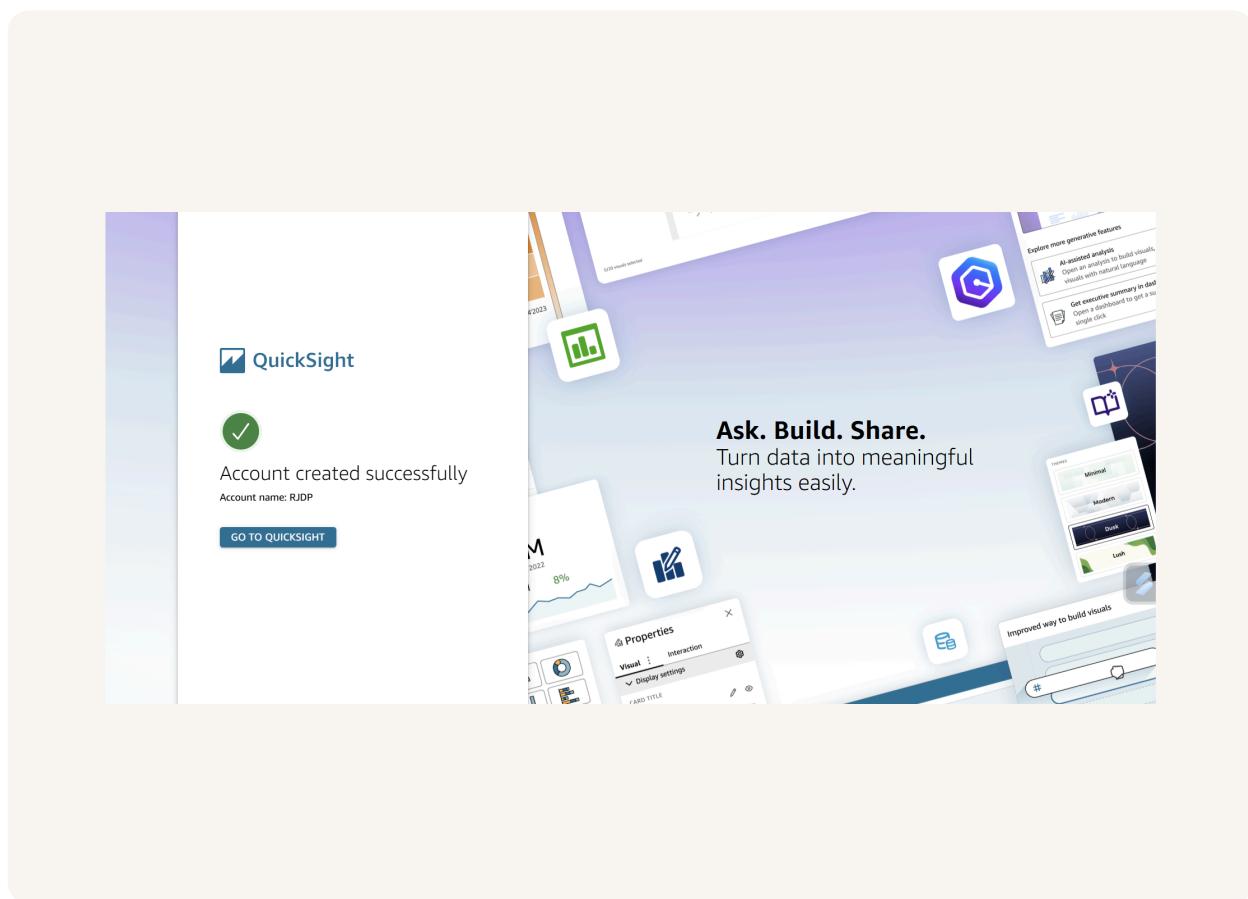
I edited the manifest.json file by replacin the URL in the manifest.json file with the S3 URL of my dataset. It's important to edit this file because these both files are getting linked with each other on the S3.



Create QuickSight account

QuickSight comes with a free trial so you won't be charged for this project - just make sure to delete your QuickSight account at the end of your session.

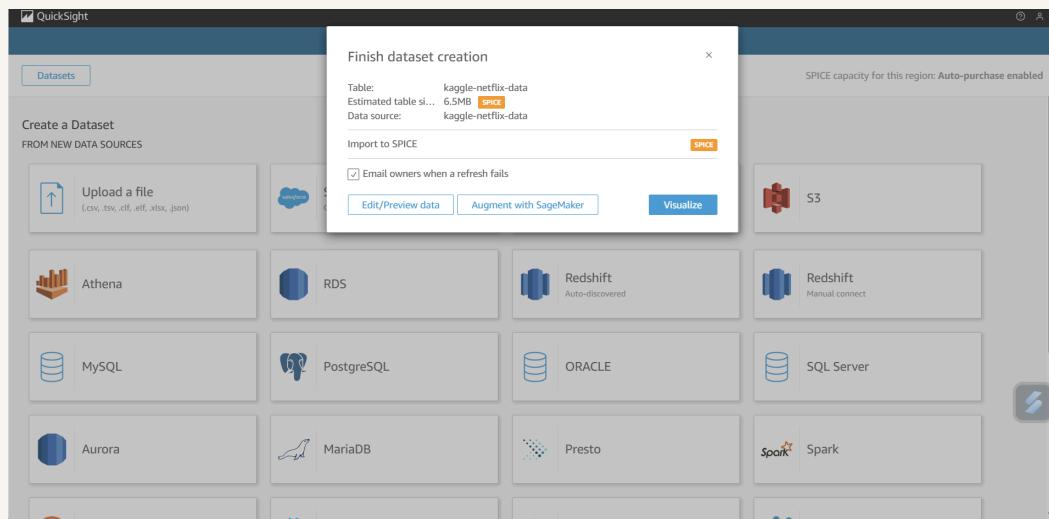
Creating an account took me less than a minute.



Download the Dataset

I connected the S3 bucket to QuickSight by visiting Amazon QuickSight.

The manifest.json file was important in this step because it will be connect to the dataset file.

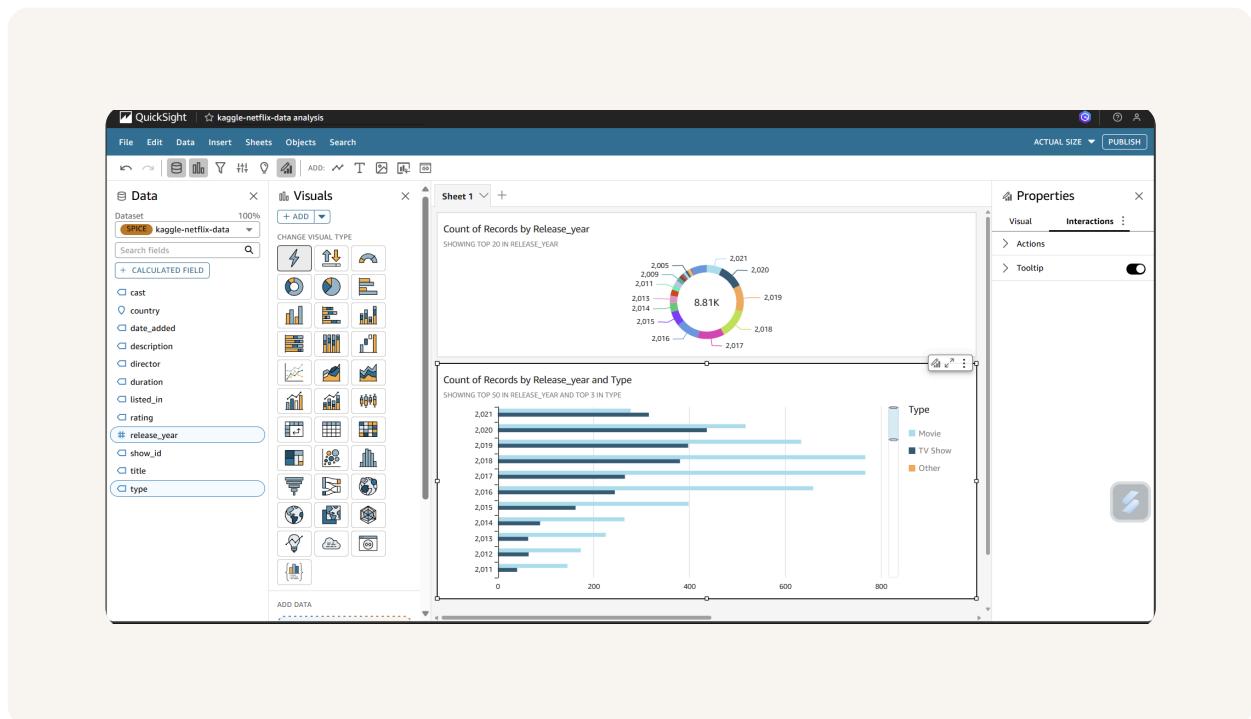


My first visualization

To create visualizations on QuickSight, I imported the dataset first and then drag fields into the graph to create visualisations.

The chart/graph shown here is a breakdown of the netflix dataset into Donut chart and a bar graph.

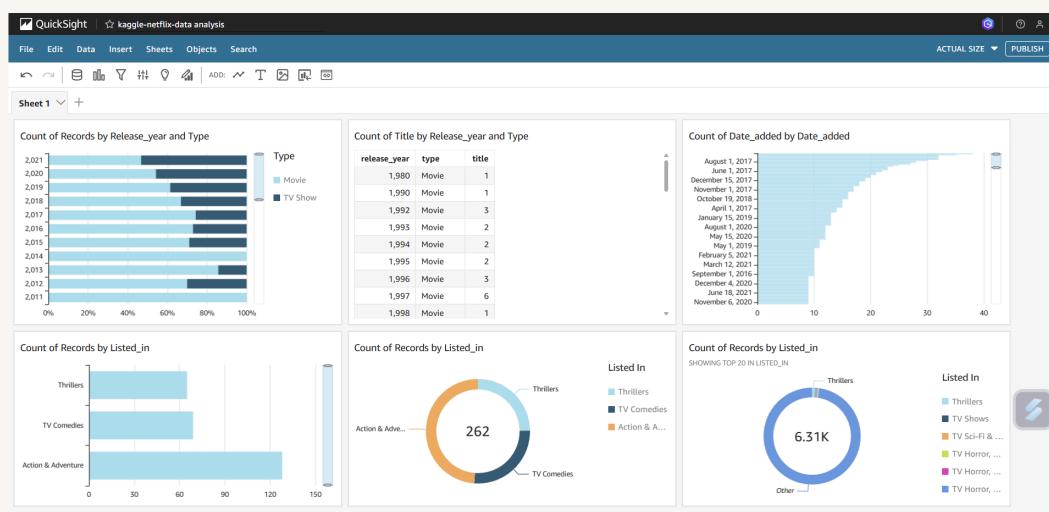
I created this graph by dragging and dropping the release_year on the Y-axis and type on the group/color section.



Using filters

Filters are useful for filtering out data and they make easy to fetch out the required infomation.

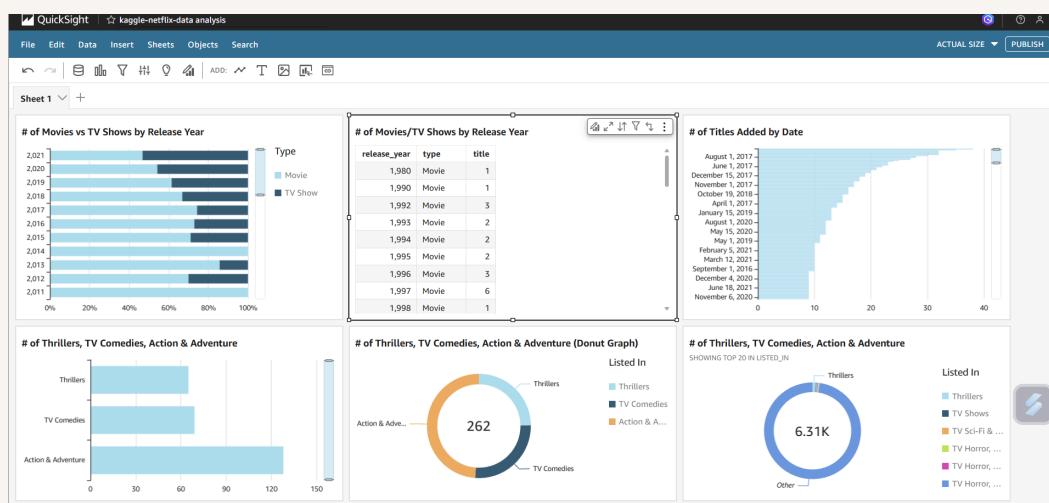
This visualization is a breakdown of netflix dataset. Here I added a filter by categories like Thrillers, TV and Comedies, Action and Thriller, Date etc.



Setting up a dashboard

As a finishing touch, I edited the titles in the charts so that anyone can understand them at a glance.

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, wait for the PDF to be ready, then select Download when you see that green banner pop up!





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