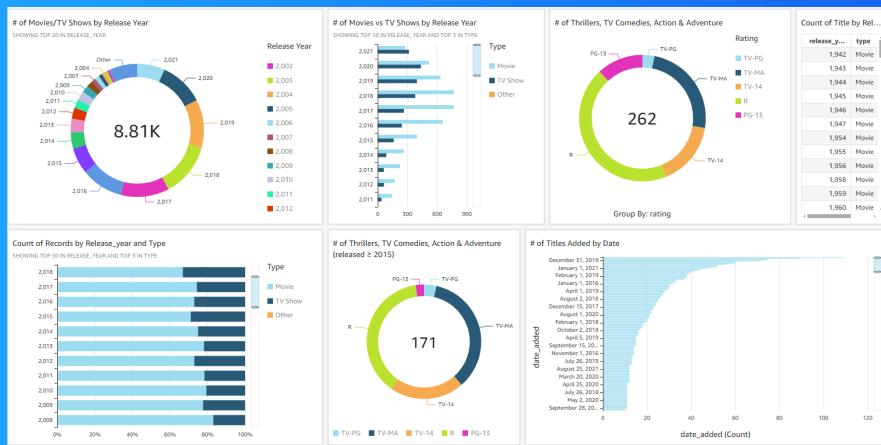




Visualize data with QuickSight



Samarth Varu





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Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a cloud-powered business intelligence service that lets you create and share interactive dashboards and reports. It's useful for its scalability, ease of use, and real-time insights.

How I used Amazon QuickSight in this project

I used QuickSight to create dashboard for Netflix Title Analysis.

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

The ease with which it could be created.

This project took me...

I spent 60 minutes in this project.



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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 "s3://quicksight-project-samarthvaru/netflix_titles.csv". It's important to edit this file because it should refer the right bucket.

The screenshot shows the AWS S3 console interface. The top navigation bar includes tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. The main content area is titled 'Objects (2) Info' and displays two objects: 'manifest.json' and 'netflix_titles.csv'. The 'manifest.json' file is a JSON file (Type: JSON) last modified on August 8, 2024, at 17:12:03 (UTC-04:00), with a size of 301.0 B and a Standard storage class. The 'netflix_titles.csv' file is a CSV file (Type: CSV) last modified on August 8, 2024, at 17:10:37 (UTC-04:00), with a size of 3.2 MB and a Standard storage class. The interface includes standard S3 actions like Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload.

Name	Type	Last modified	Size	Storage class
manifest.json	JSON	August 8, 2024, 17:12:03 (UTC-04:00)	301.0 B	Standard
netflix_titles.csv	CSV	August 8, 2024, 17:10:37 (UTC-04:00)	3.2 MB	Standard



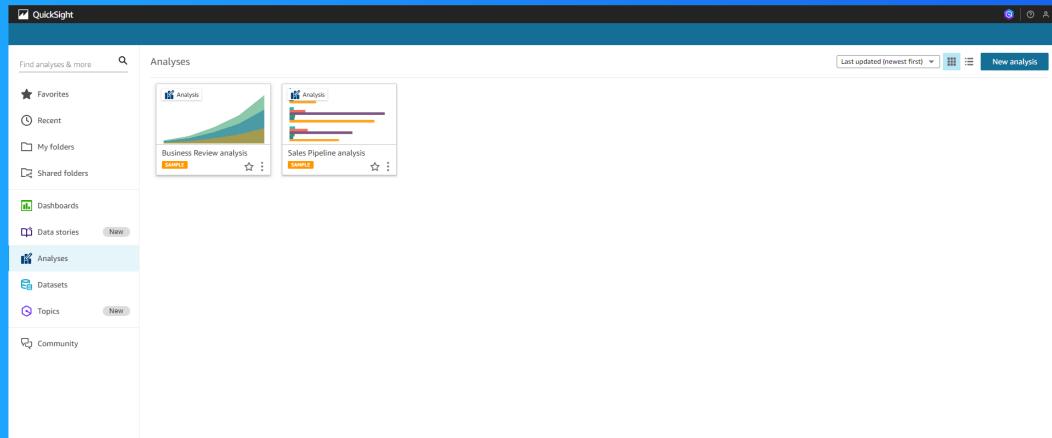
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Create QuickSight account

QuickSight comes with a free trial so won't be charged for this project.

Creating an account took me 2 minutes and it was easy.





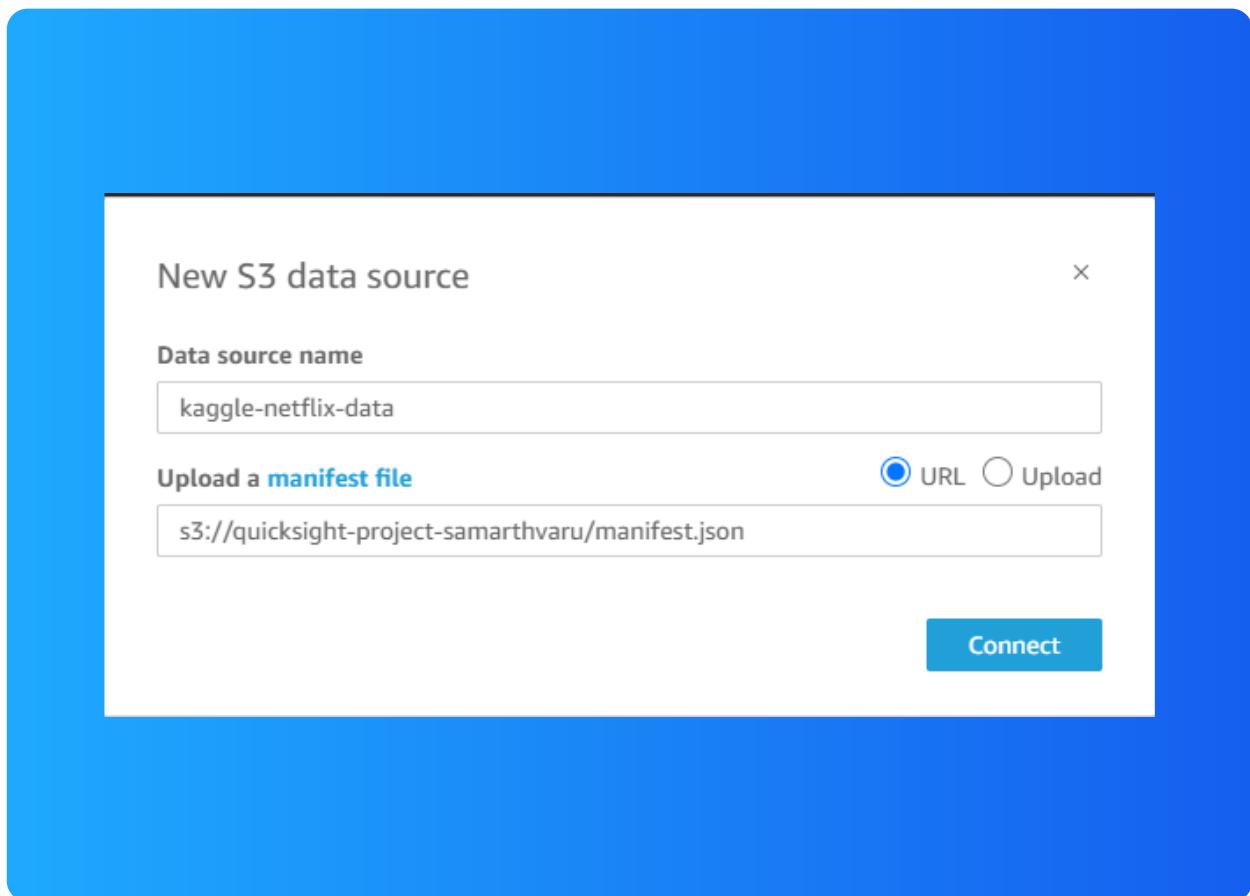
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Download the Dataset

I connected the S3 bucket to QuickSight by visiting dashboard of QuickSight.

The manifest.json file was important in this step.



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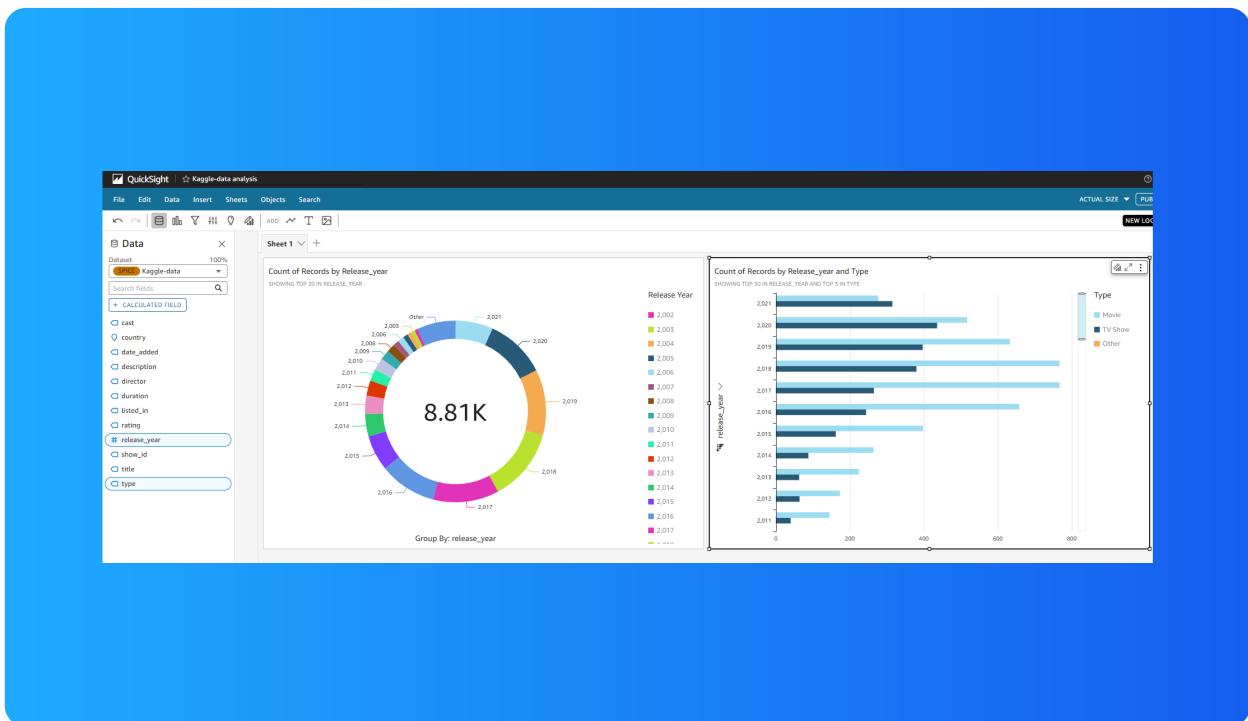
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My first visualization

To create visualizations on QuickSight, I just had to drag fields into the graph to create visualisations.

The chart/graph shown here is a breakdown on the year that these Netflix-featured TV shows and movies were released with their type.

I created this graph by dragging and dropping the fields into the plot area.

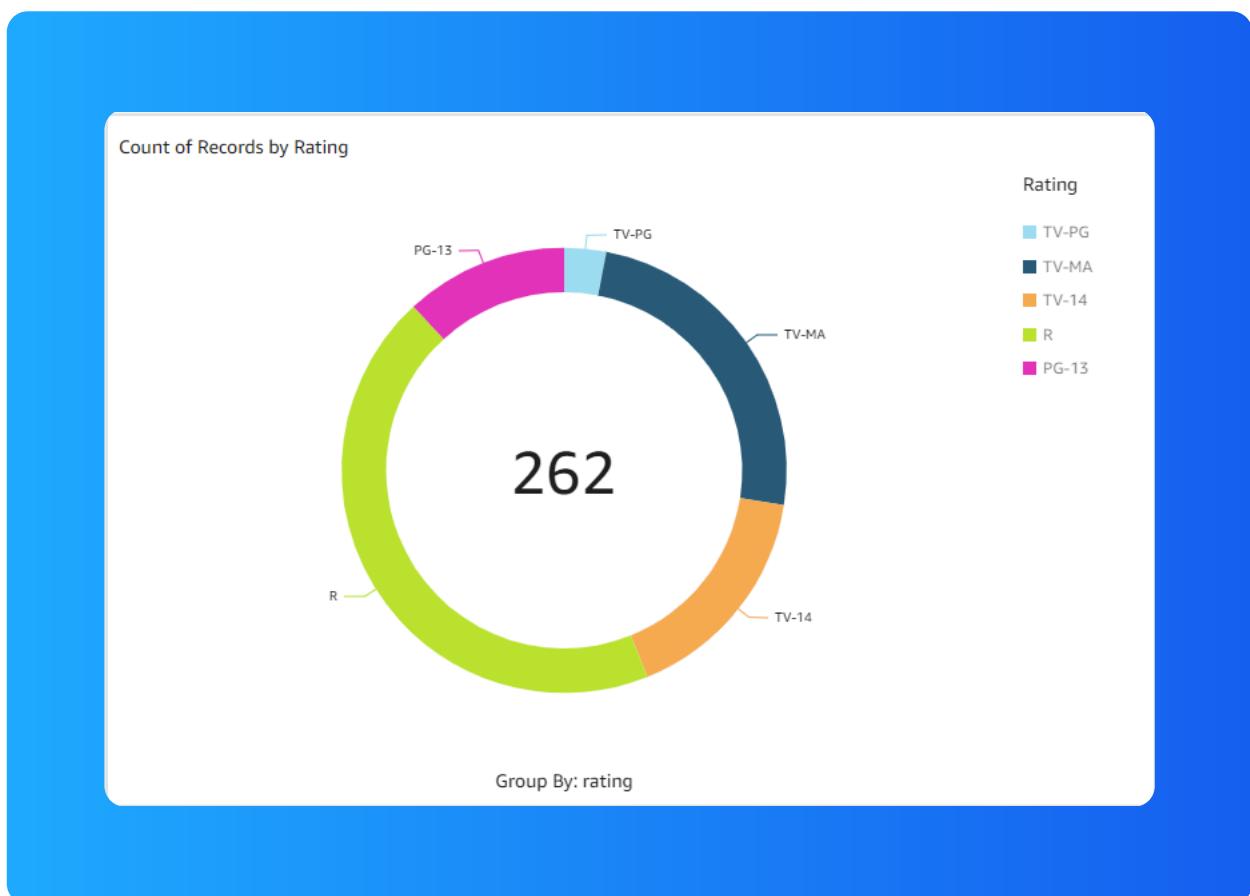




Using filters

Filters are useful for visualizing trends and answering questions in an easy way.

This visualization is a breakdown of number of movies in Netflix based on their rating.





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Setting up a dashboard

As a finishing touch, I changed the titles of my charts.

Did you know you could export your dashboard as PDFs too? I did this by exporting the dashboard as PDF and downloading it.





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