

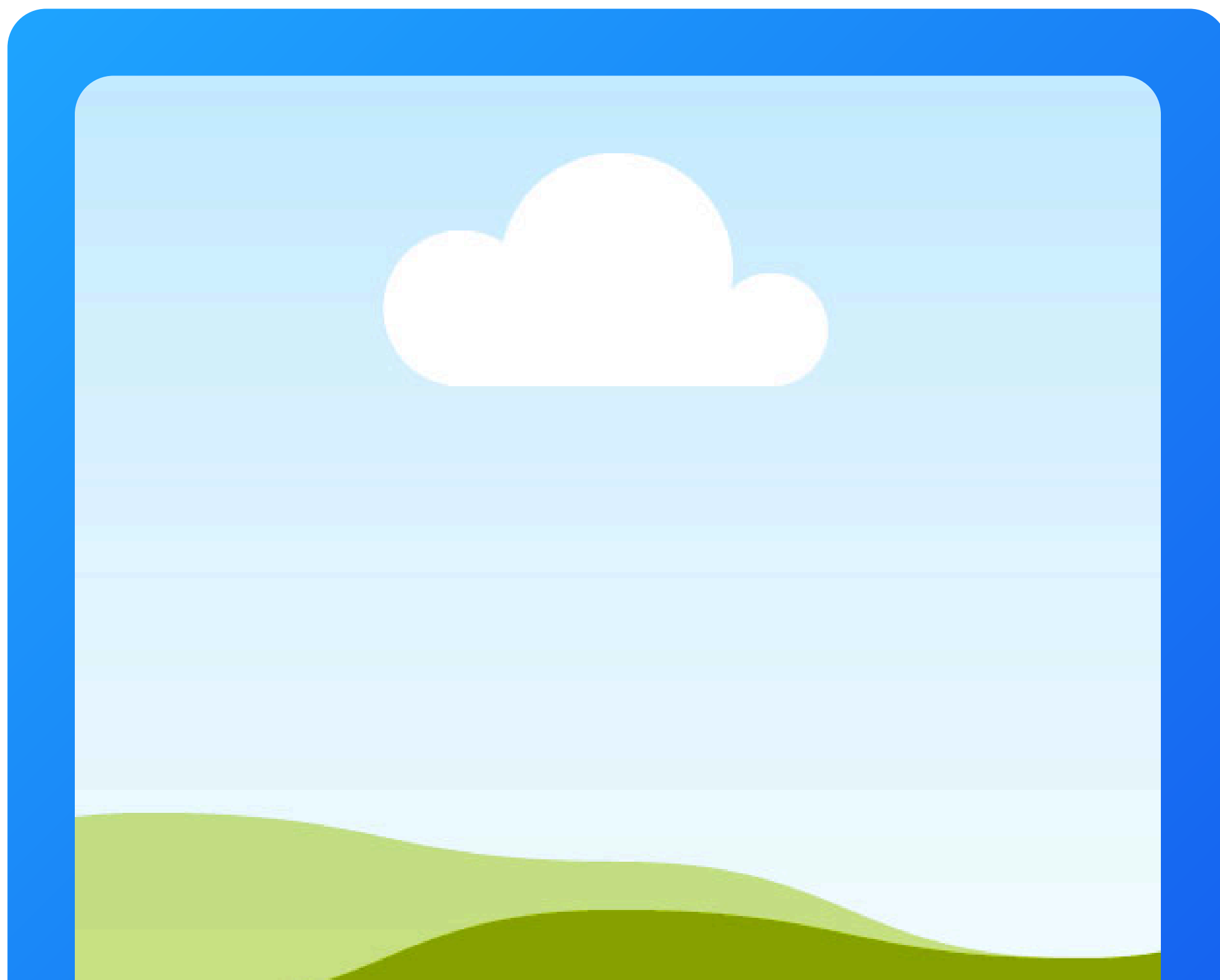


NextWork.org

Visualize data with QuickSight



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Introducing Amazon QuickSight!

What it does & how it's useful

Amazon QuickSight is...

Developers and teams use Amazon QuickSight because to visualise the data using different types of charts or any type of chart by adding any type of filter conditions.

How I'm using it in today's project

I'm using Amazon QuickSight in this project to make an visualisation of netflix data(provided by kaggle)

This project took me...

This project took me around 1 hour to finish.
Documentation took me around 20 mins.

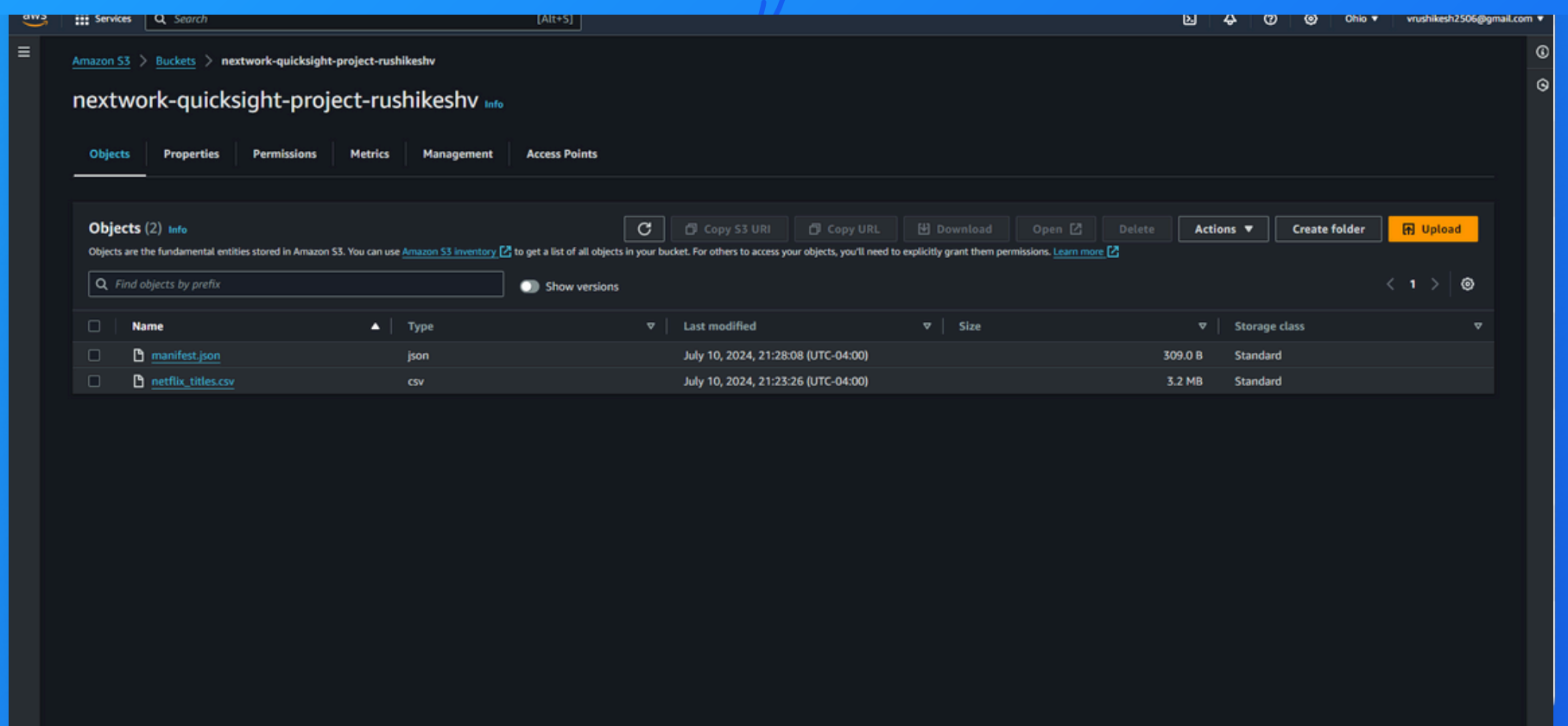


Upload project files into S3

- 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 replacing the S3 URL with my dataset S3 URI and i have reuploaded into the S3 Bucket

Here's my bucket with the CSV file and manifest.json!

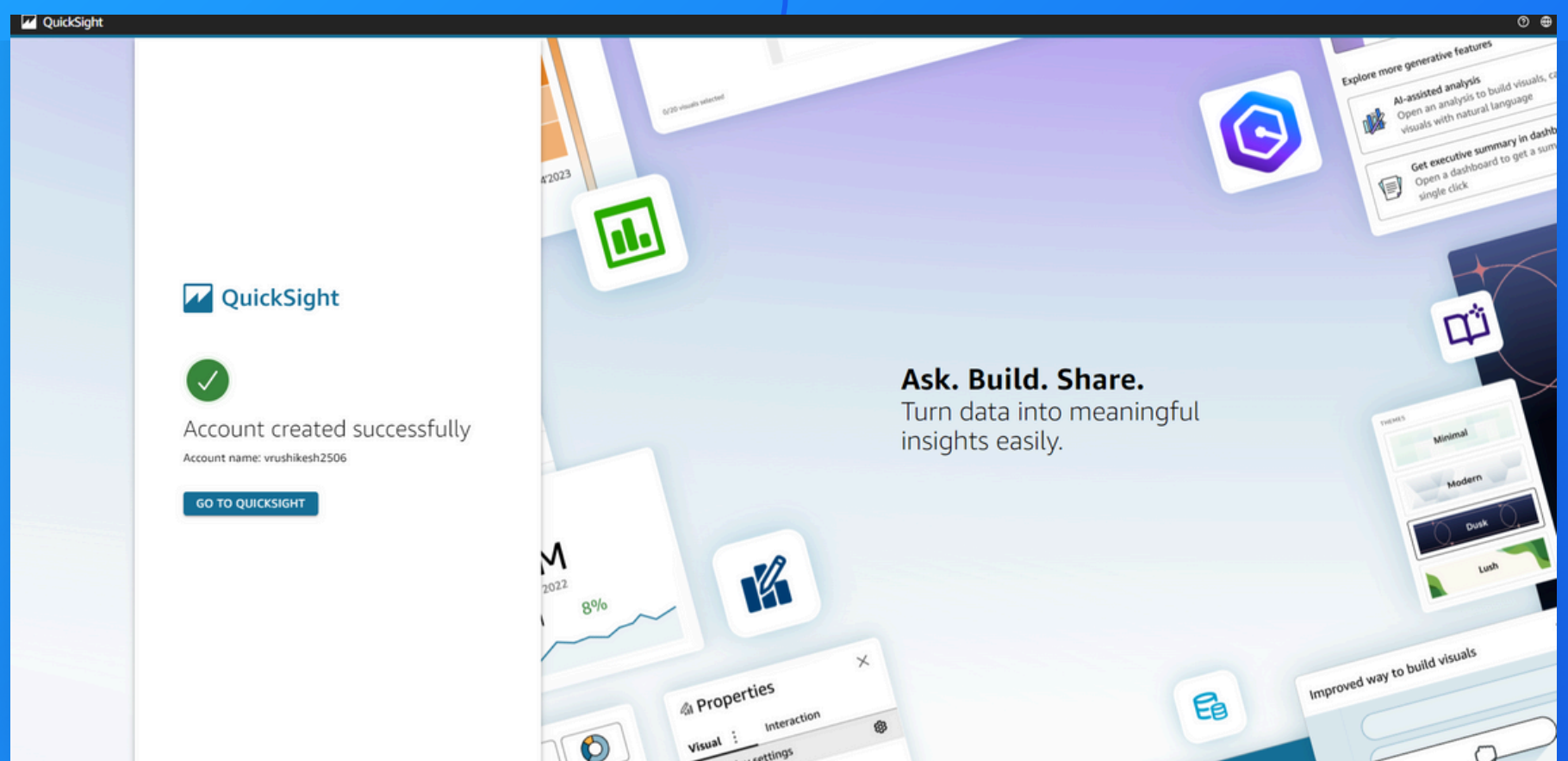




Create QuickSight account

- It costed 0\$ to create this account
- Creating a QuickSight account took me less than a minute.
- I also had to enable QuickSight's access to S3 because it should have access to our s3 bucket, since our dataset is stored in that s3 bucket.

Voila! I created my QuickSight account successfully.

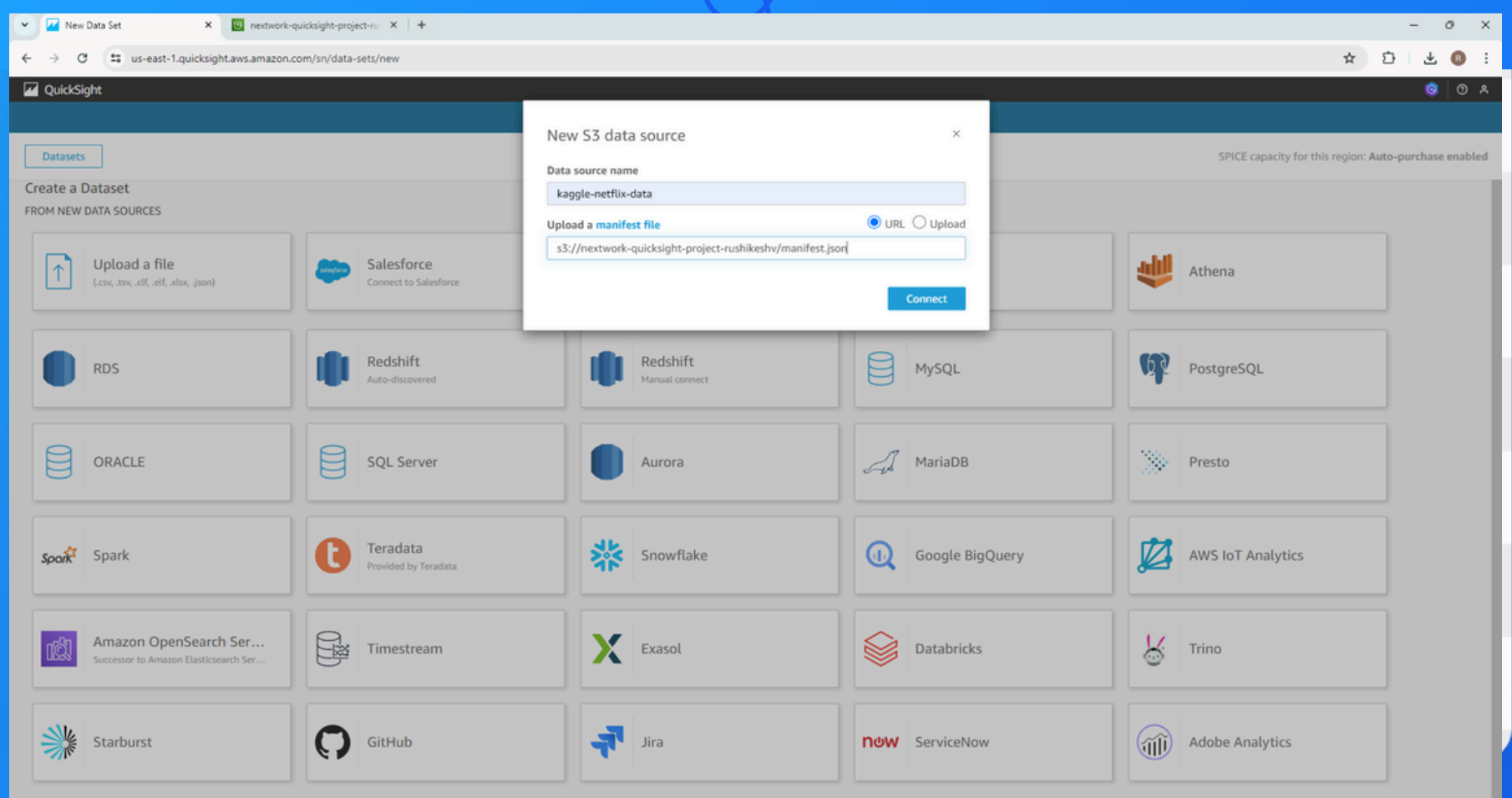




Connect S3 + QuickSight

- I connected the S3 bucket to QuickSight by giving the manifest.json s3 url
- The manifest.json file was important in this step because it is like a map that tells Amazon QuickSight where your data lives and how to read your data correctly.

Entering the manifest.json URL.

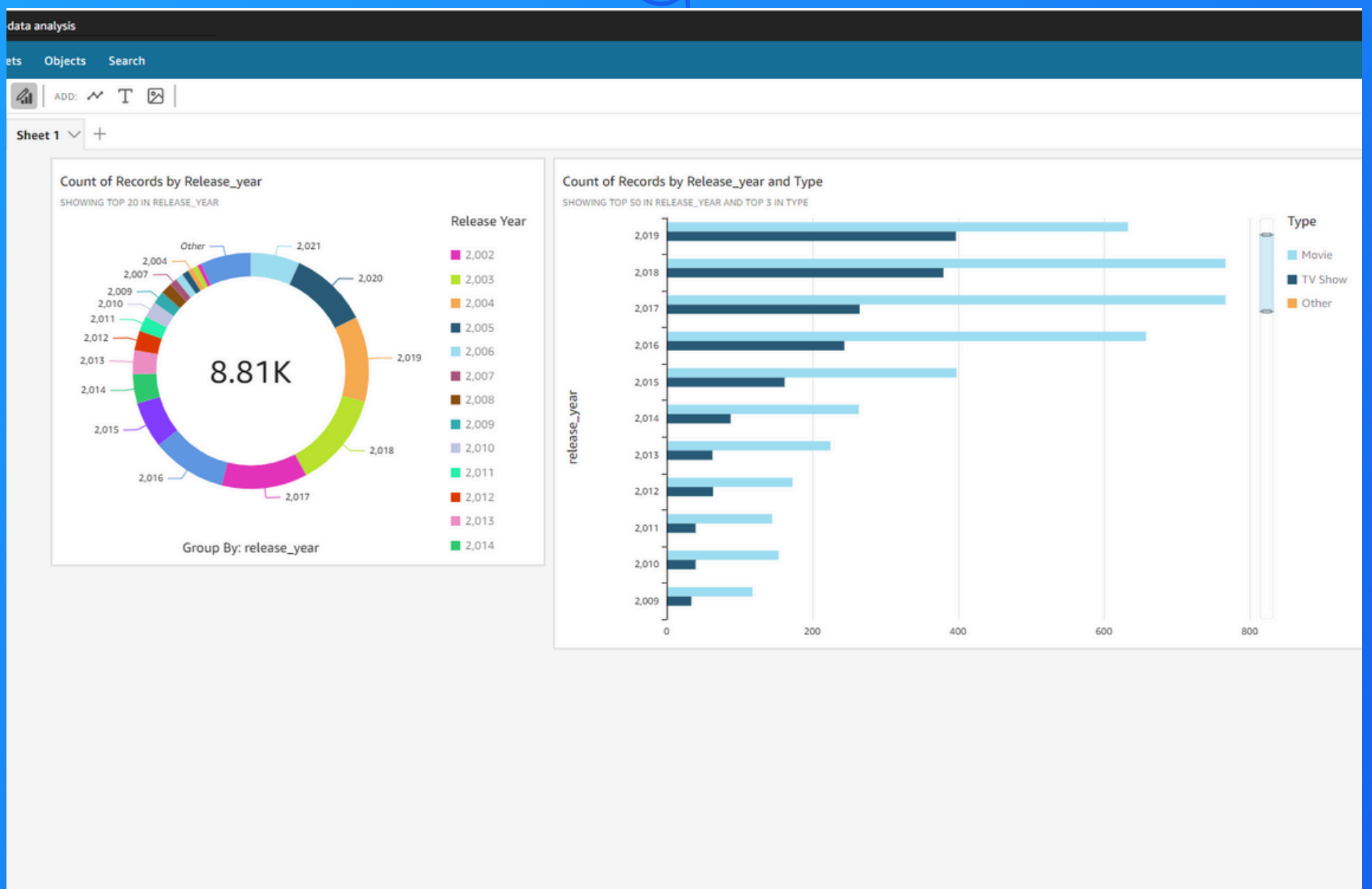




Let's make visualisations!

- To create visualisation on QuickSight, you'll have to choose a visualisation chart like a graph or donut chart from the list of options
- The chart/graph shown here is a breakdown of TV shows vs movies for every year.
- I created this graph by dragging the dataset columns into the x or y axis of the graph

One of my first visualisations.

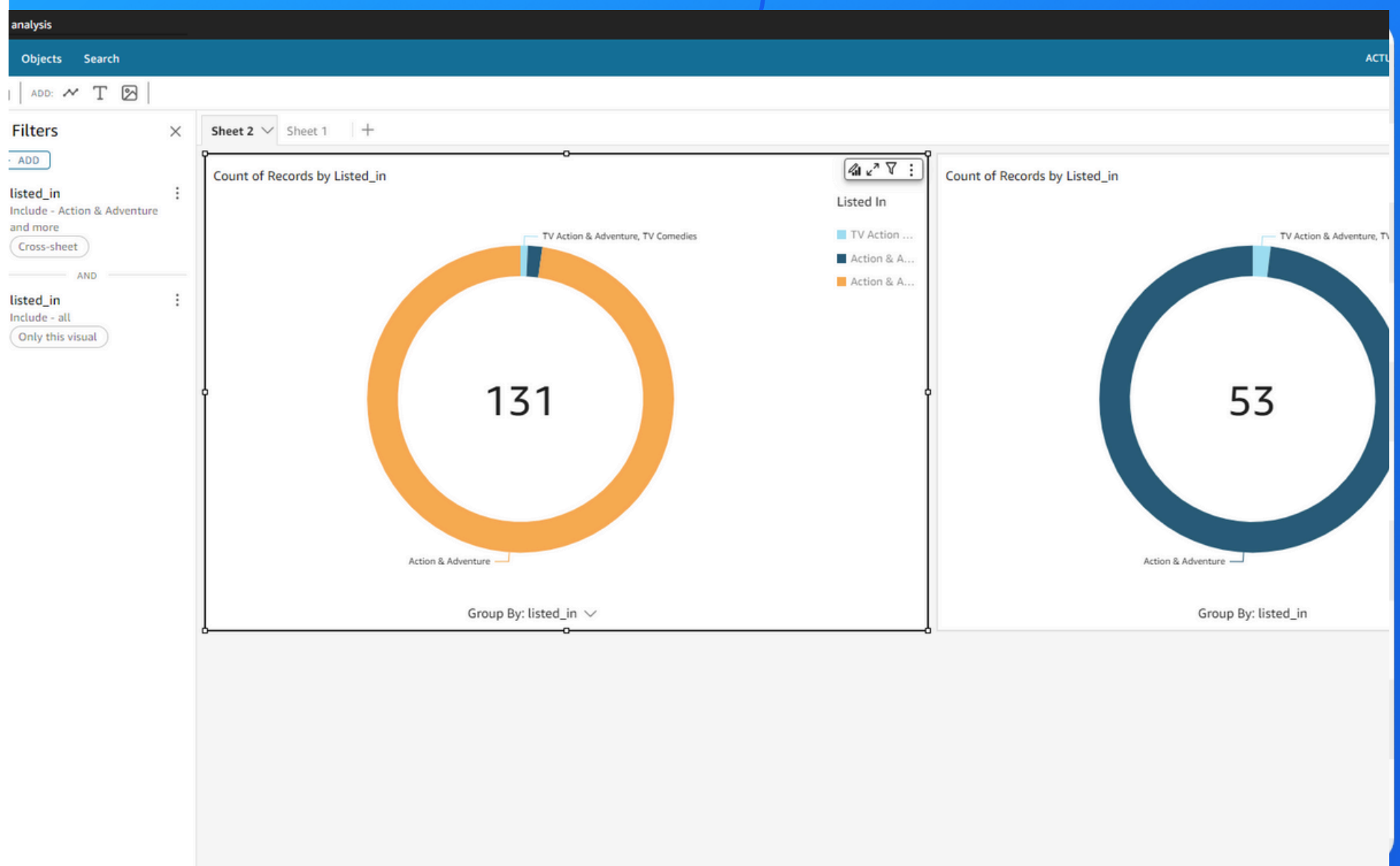




Using filters

- Filters are useful for filtering the Visual chart.
- Here I added a filter by adding a filter with movie genere and after a certain year released. This helped me create a visualisation on Of the TV shows and movies with the listing, how many were released on 2015 or after.

A visualisation set up after adding filters.





Set up your dashboard!

- As a finishing touch, I...
- Did you know you could export your dashboard as PDFs too? I did this by...

Voila! Here's the finished dashboard!





My key learnings

1

An S3 bucket was used in this project to store the json file and netflix data excel sheet

2

To connect the data stored in S3 with QuickSight, I had to use the json file s3 url. since it is used in mapping the excel sheet and visualisation in quicksight

3

Creating the visualisation was easy to understand and i lhad a good experience in creating different type of charts.

4

One thing I didn't expect was VISUALISATION of data is fun learning, new ways to read data.