



# Visualize data with QuickSight

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# Introducing Today's Project!

In this project, I will demonstrate how to use amazon quicksight to analyze netflix data and generate visualization.

## Tools and concepts

Services I used were QuickSight And S3

## Project reflection

This project took me approximately...2 hrs.

After this project, I plan to work on more projects

# Upload project files into S3

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

I edited the manifest.json file by... It's important to edit this file because it will not connect with the given data

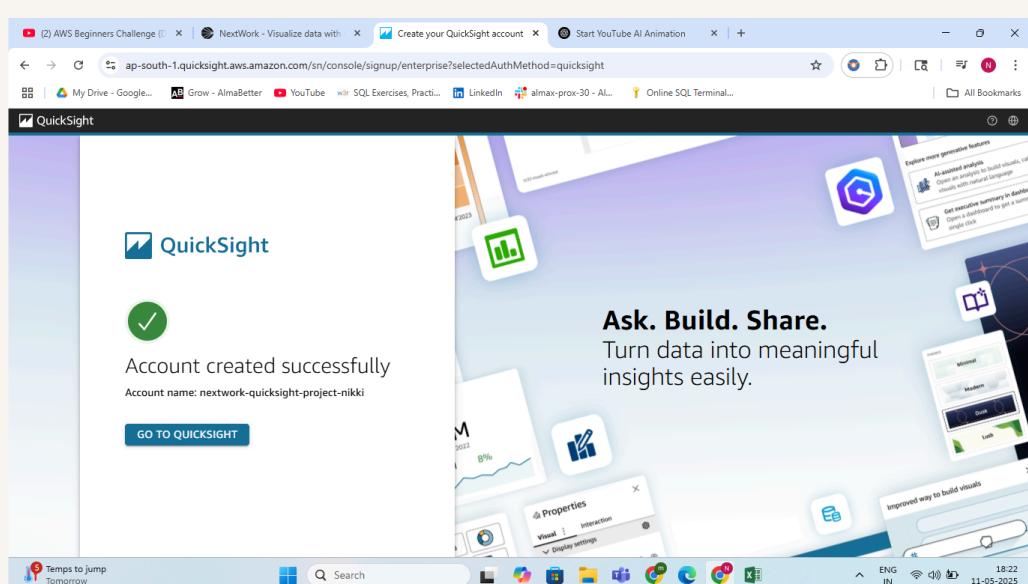
The screenshot shows the AWS S3 console interface. At the top, there are tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. The Objects tab is selected. Below the tabs, there is a search bar and a filter section labeled "Find objects by prefix". A table lists the uploaded files:

Name	Type	Last modified	Size	Storage class
manifest.json	json	May 11, 2025, 17:41:58 (UTC+05:30)	304.0 B	Standard
netflix_titles.csv	csv	May 11, 2025, 14:33:54 (UTC+05:30)	3.2 MB	Standard

# Create QuickSight account

Creating a QuickSight account cost...0\$ as it comes with 30 days free trial

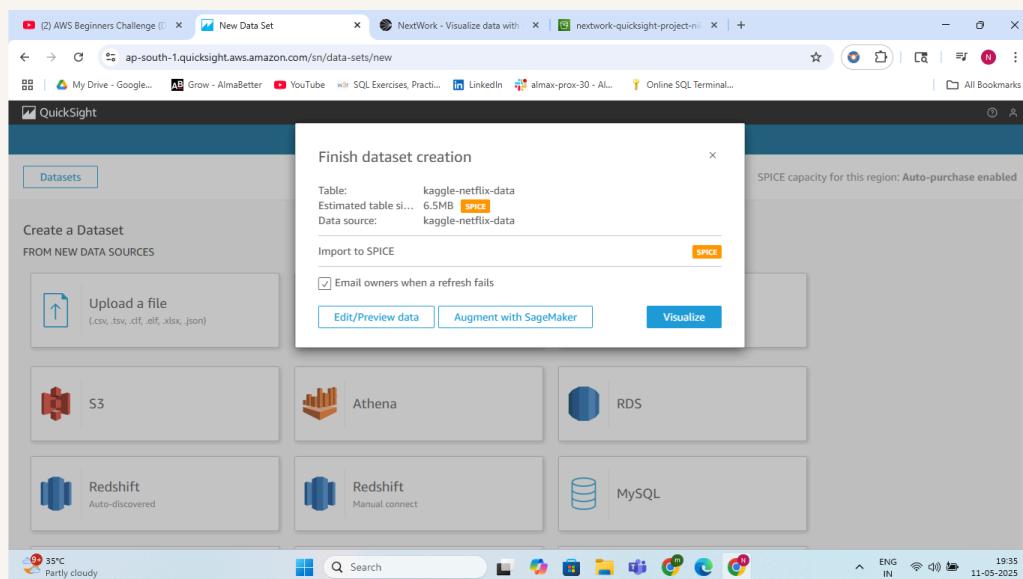
Creating an account took me... less than 10 mins



# Download the Dataset

I connected the S3 bucket to QuickSight by visiting the datasetpage. There were so many options for data sources we could connect to and we selected S3

The manifest.json file was important in this step because it tells Quicksight how to read the data. In this case it tells quicksight that were uploading a csv file.

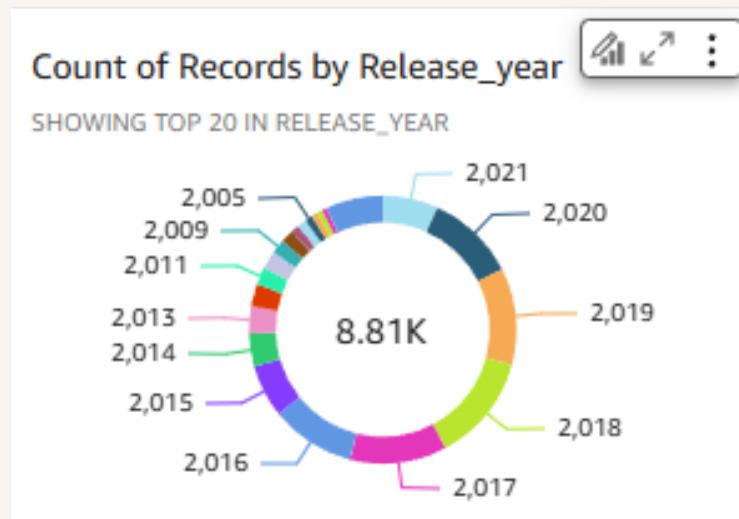


# My first visualization

To create visualizations on QuickSight, I simply click on data fields and quicksight automatically create graphic that best suits the data. We can also drag data labels into sections like group by or Y axis.

The chart/graph shown here is a doughnut chart breakdown of how much how many tv shows or movies released on a year. we can see there are total of 8800 plus content pieces and 2019 seems to be the most content released.

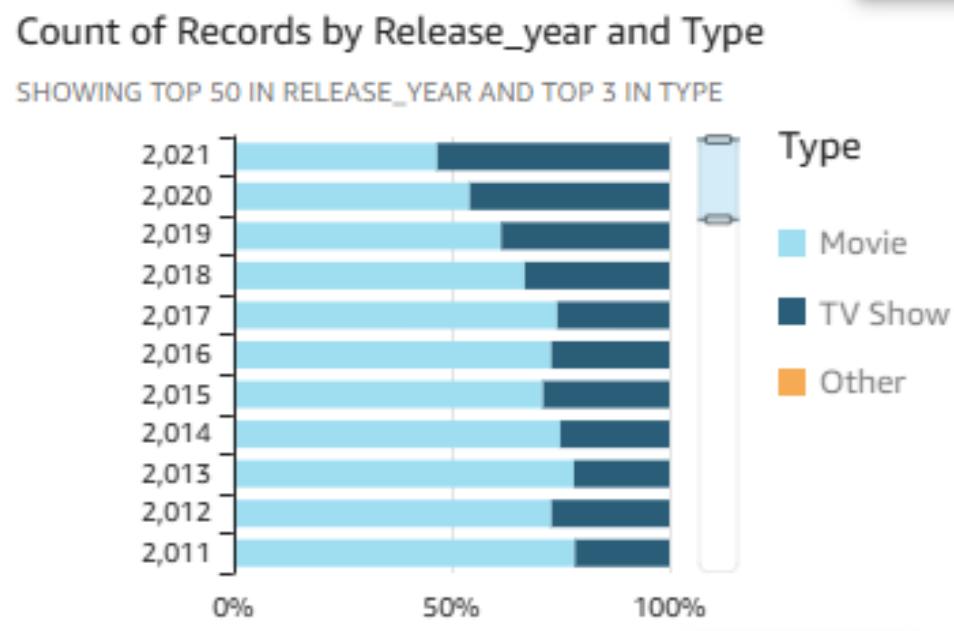
I created this graph by dragging and dropping the release year



# Using filters

Filters are useful for narrowing down our data to the subset that we want to focus on. And in this case we could use filters to focus on the specific categories that we want to analyse. We also use filter to only look at with a content release date.

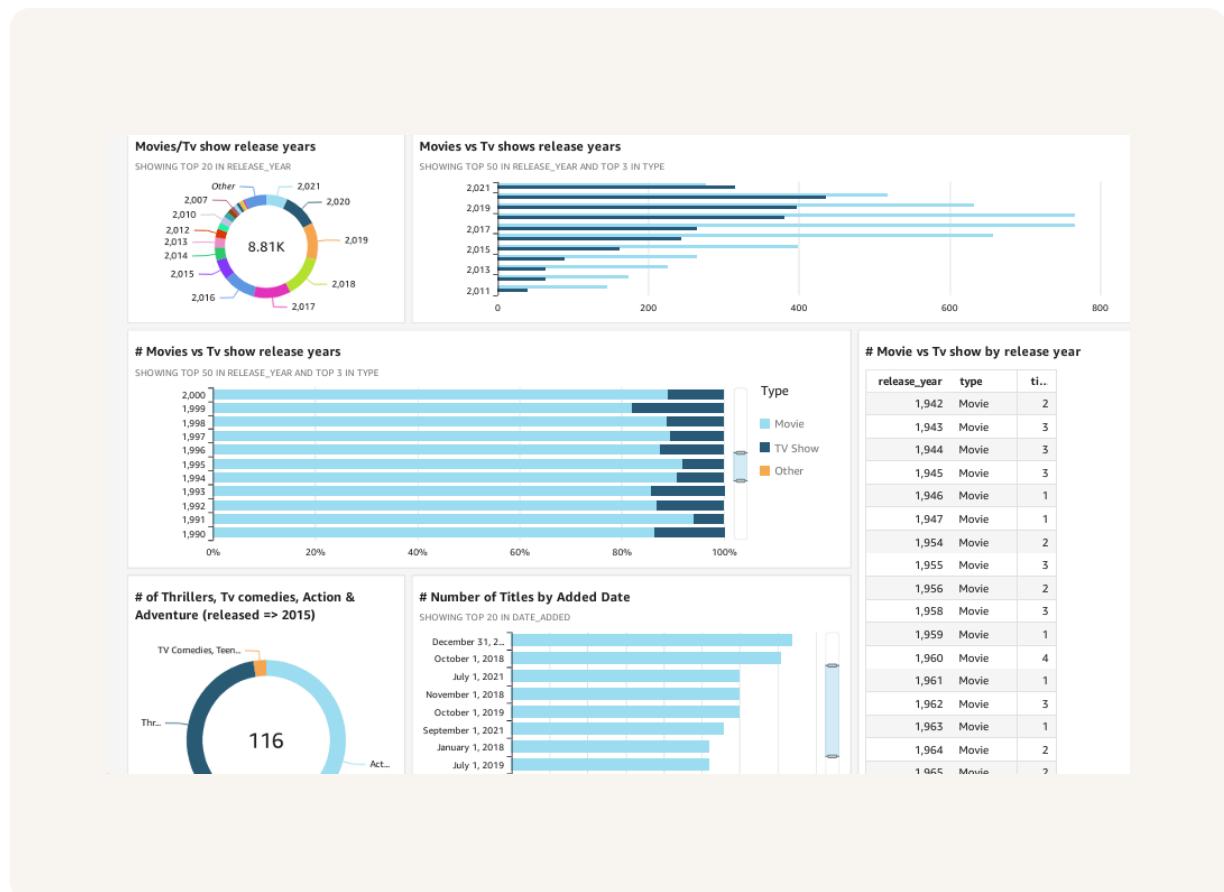
This visualization is a breakdown of tv shows and movies that belong in one of the three categories. We added a filter based on list of data only these three categories could pass the filter



# Setting up a dashboard

As a finishing touch, I made sure there was nothing left to check. I updated the labels and their titles

I did this by first publishing it after that there is an option in quicksight to generate pdf.





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