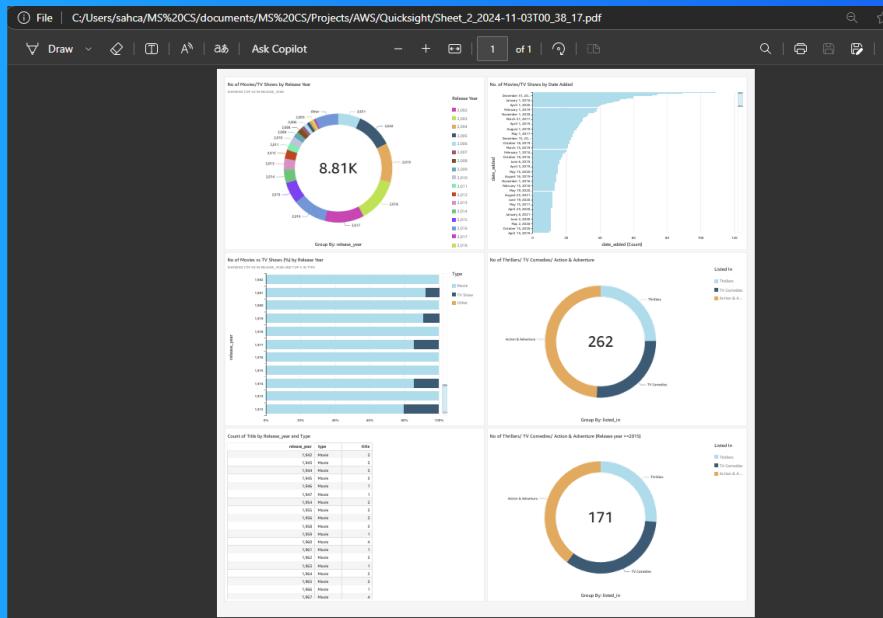




Visualize data with QuickSight

c Caroline





Introducing Today's Project!

What is Amazon QuickSight?

Amazon Quicksight is an AWS service that is useful for creating interactive visualisations and dashboards.

How I used Amazon QuickSight in this project

I used Amazon QuickSight to create a dashboard for netflix titles analysis

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

I found the filtering options to be really helpful and it's overall intuitive to use.

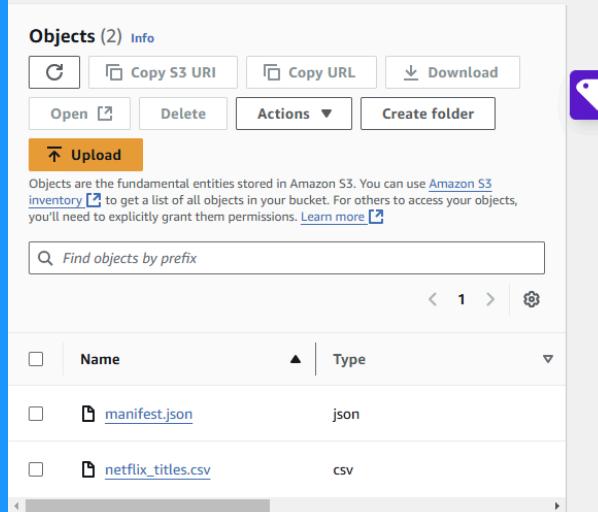
This project took me...

It took me about 1.5 hours

Upload project files into S3

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

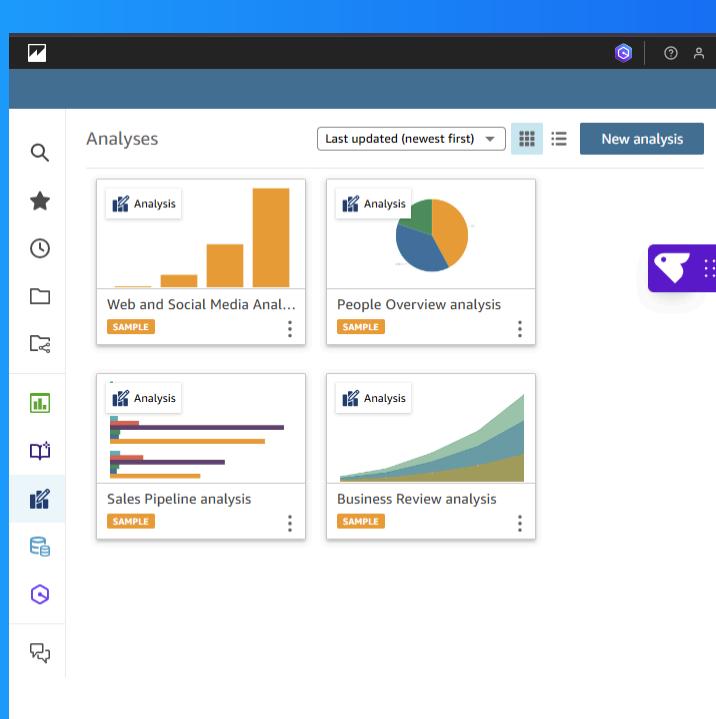
I edited the manifest.json file by changing the uri to uri of the uploaded netflix titles file to s3. It's important to edit this file because the manifest.json file has to point to the correct csv file in our s3 bucket



Create QuickSight account

Creating a QuickSight account costed nothing. I need to make sure I delete my account after i'm done using it. It does not cost money to open a QuickSight account.

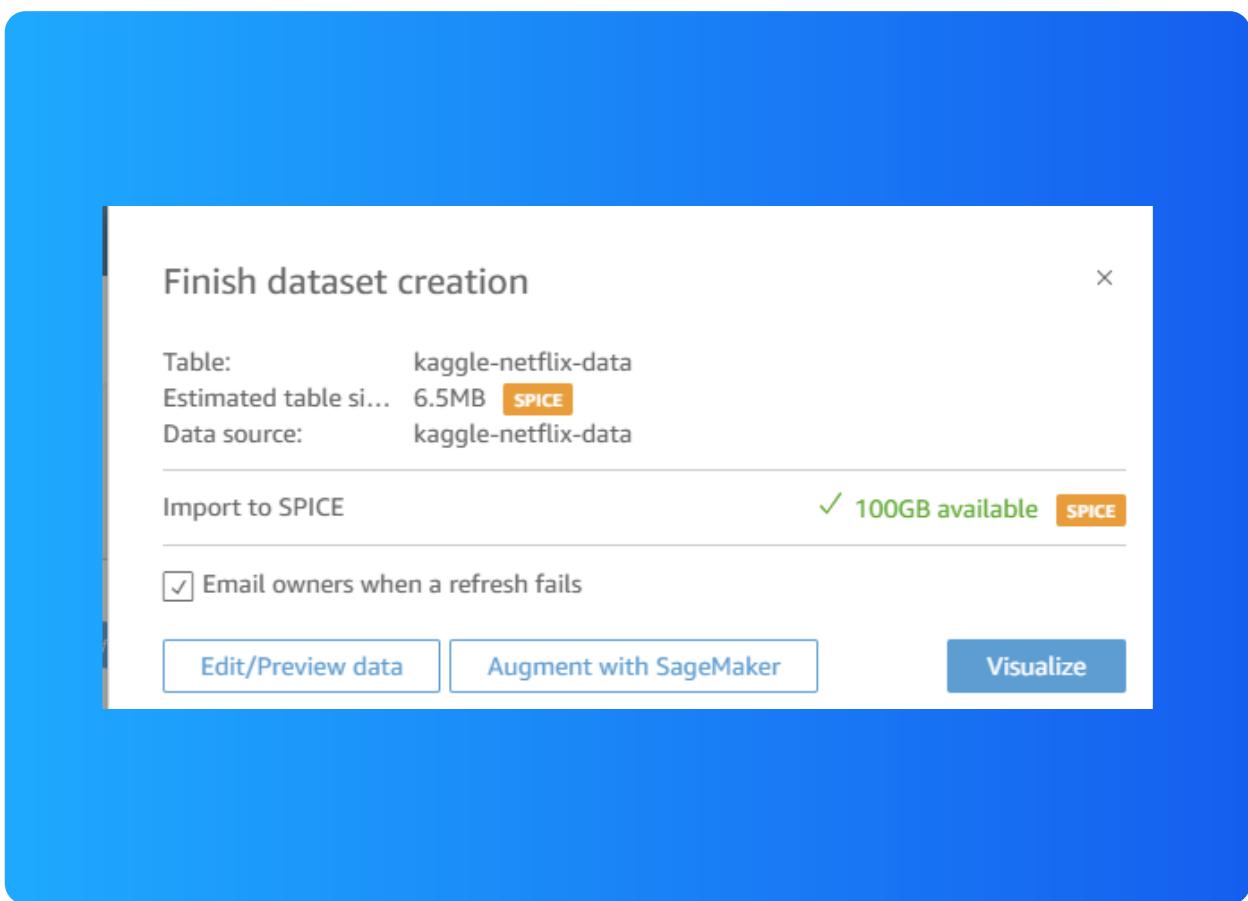
Creating an account took me about 2-3 minutes



Download the Dataset

I connected the S3 bucket to QuickSight by visiting new datasets, selected s3 and entered the url copied from aws for manifest.json into quicksight's s3 data source

manifest.json file was important in this step because it tells amazon quicksight the location of our data and how to read the data.

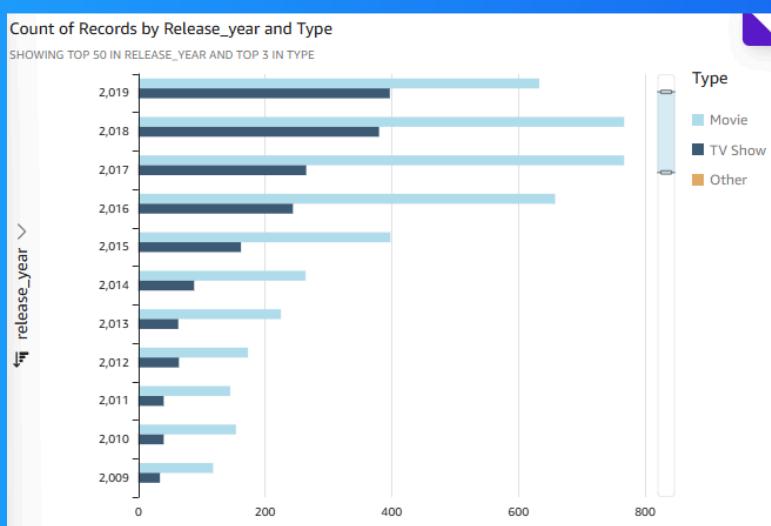


My first visualization

To create visualizations on QuickSight I selected the fields I want to visualise at the imported datafields and the type of visualisation.

The chart/graph shown here is a breakdown of count of records by release year and the type of release - movie/tv show/other

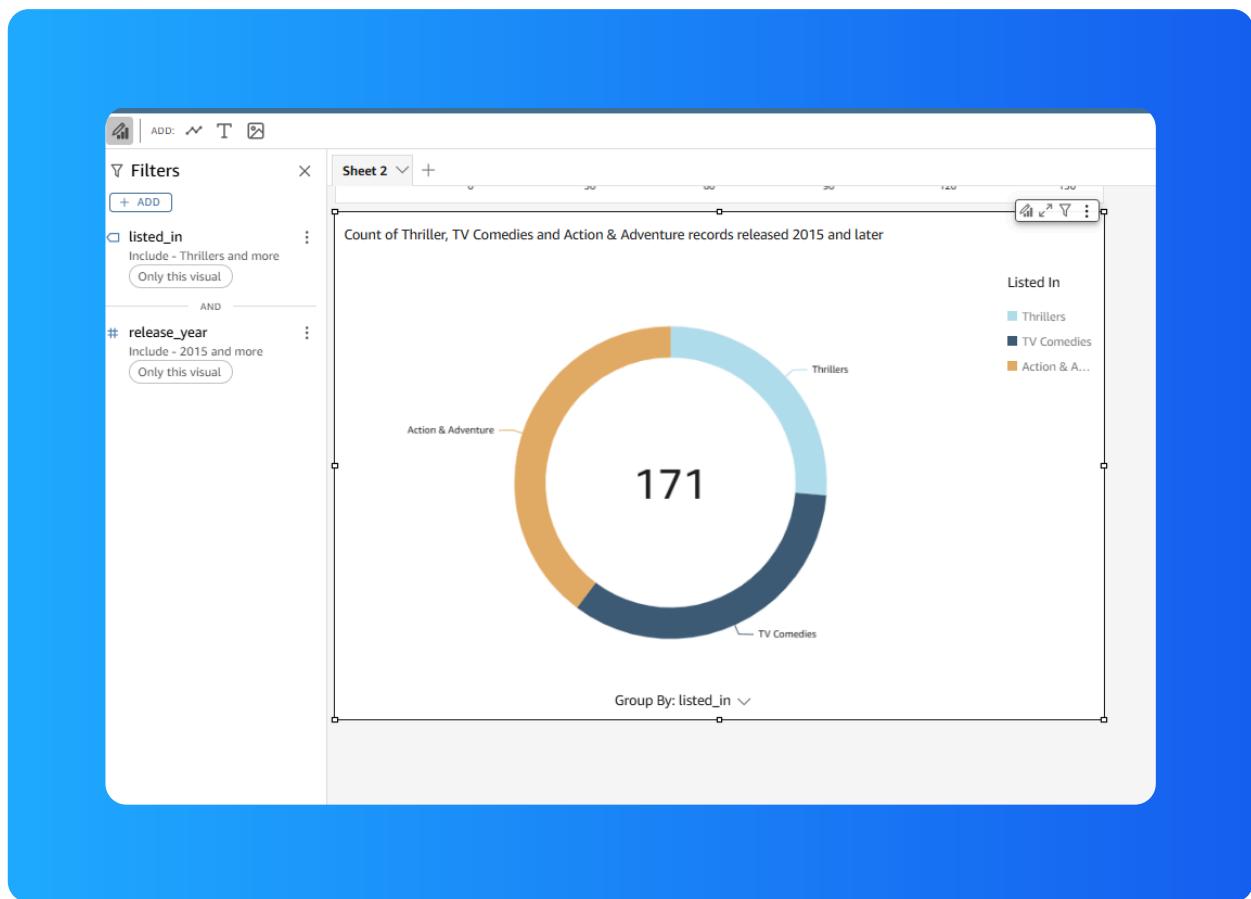
I created this graph by dragging and dropping release year into the y axis and type/label into group heading



Using filters

Filters are useful for narrowing down the data in different fields based on the values we need.

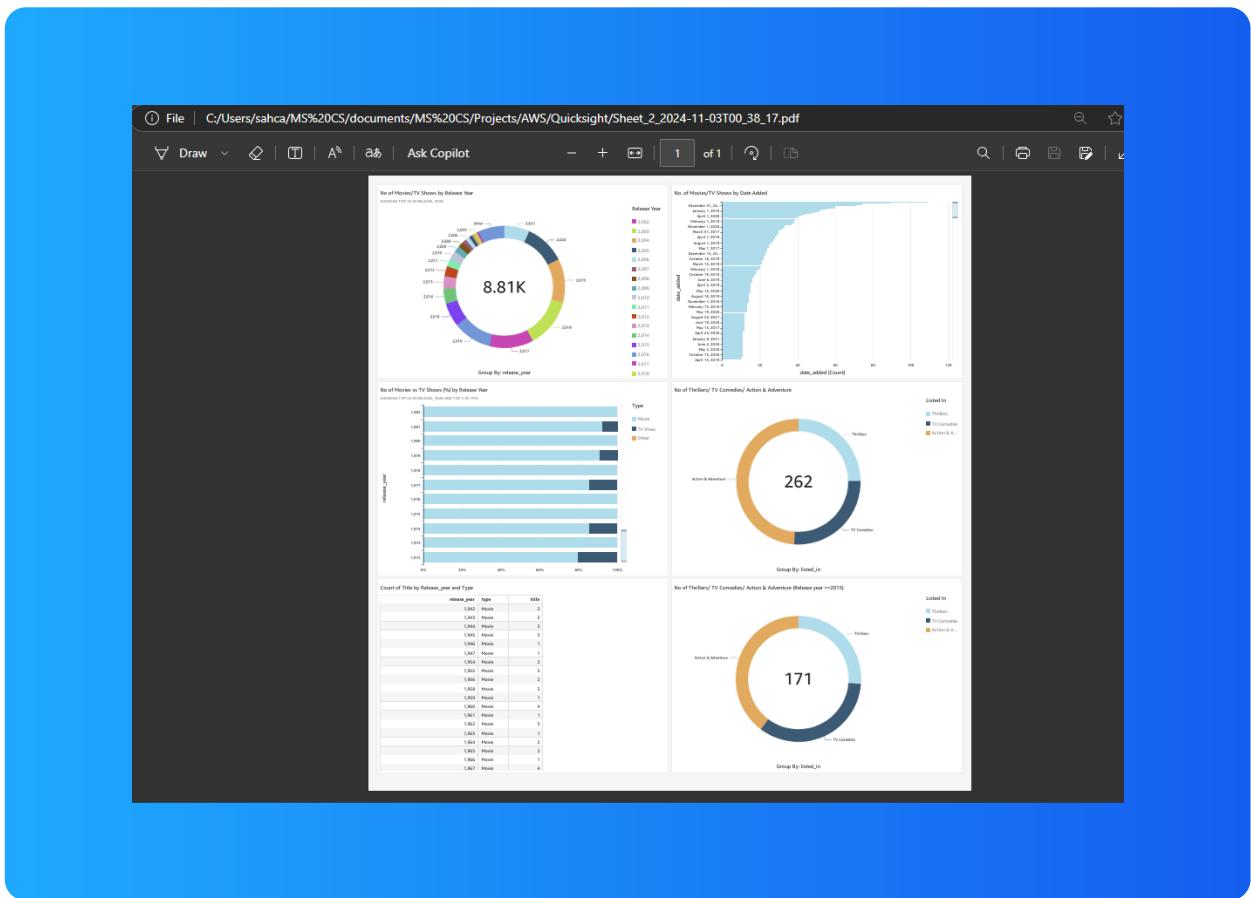
This visualization is a breakdown of TV shows/movies that are listed in the one of these 3 categories: thriller, TV Comedies and Action & Adventure that were released 2015 and later.



Setting up a dashboard

As a finishing touch, I retitled the graphs and arranged them to look visually appealing.

Did you know you could export your dashboard as PDFs too? I did this by clicking on Export and selecting Generate pdf





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