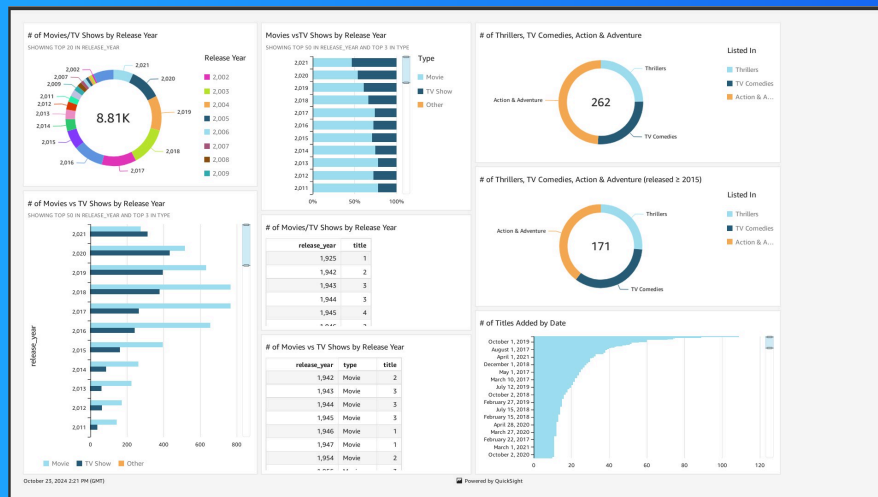




Visualize data with QuickSight



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Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a way to show data in a visual manner so and it helps you analyse data and create visualisations easily.

How I used Amazon QuickSight in this project

Today I analyzed a huge dataset of Netflix shows and movies by creating a dashboard that extracts all the juicy insights.

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

I did not expect that managing and showcasing data would be this easy and it makes understanding data easy via visualization.

This project took me...

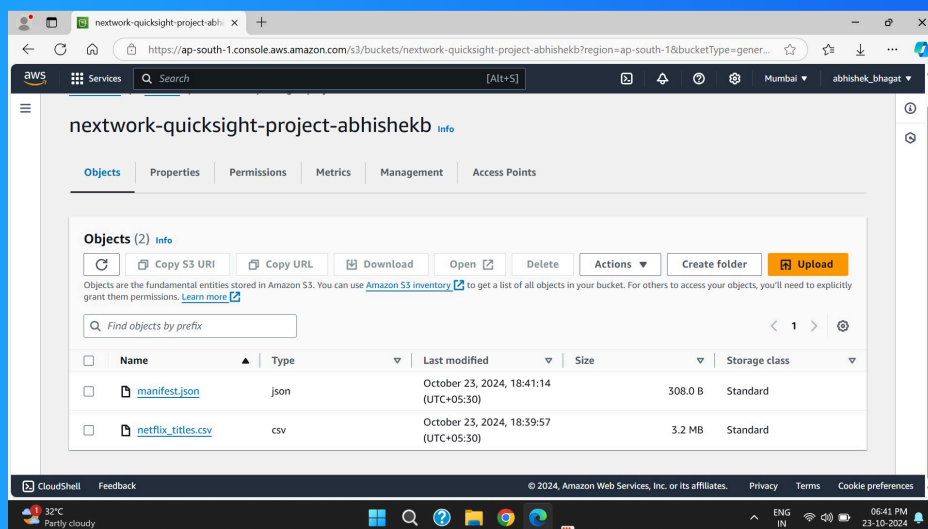
I took almost 1 hour to finish this project.



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... It's important to edit this file because the URL is unique to each user in AWS so if I created an bucket and uploaded some objects, I need to give that URL address in manifest.json to make it work.

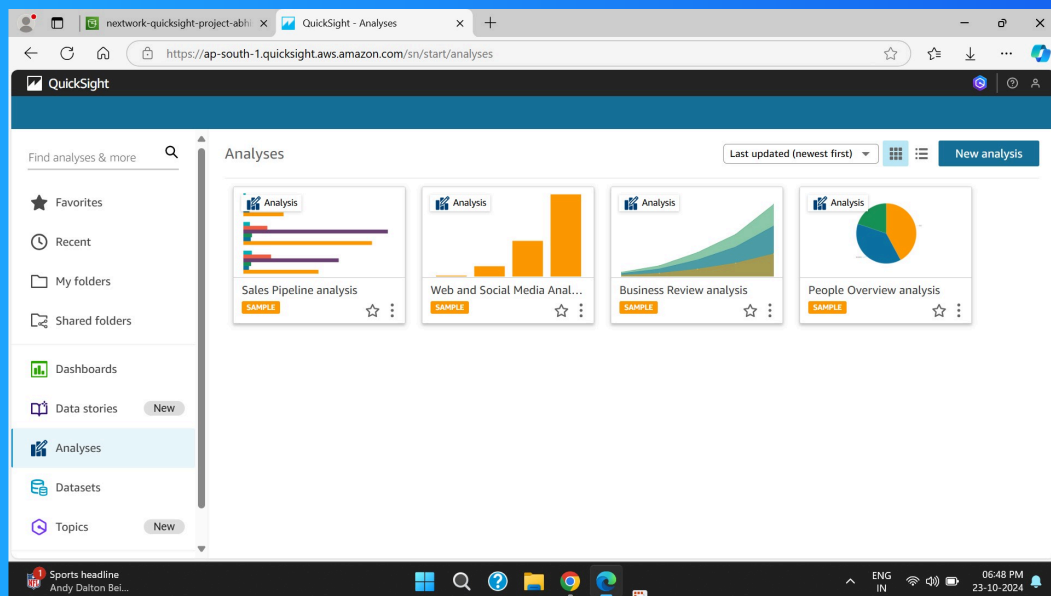




Create QuickSight account

Creating a QuickSight account cost doesn't cost any money unless you check the optional option.

Creating an account took me no more than 5 mins as the instructions are pretty straight forward.

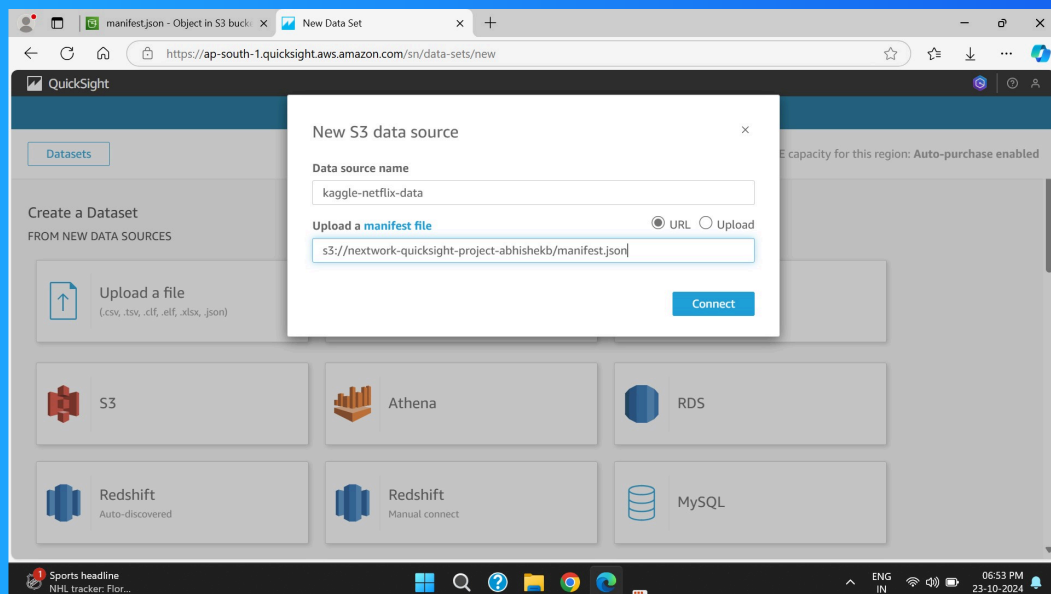




Download the Dataset

I connected the S3 bucket to QuickSight by visiting the main Dashboard of the QuickSight and then clicking on Datasets from the Left Panel and then clicked new Dataset and selected S3.

The manifest.json file was important in this step because manifest.json tells QuickSight what your dataset looks like, so QuickSight knows how to understand the data and show it in charts or graphs. Without this map, QuickSight might get confused.



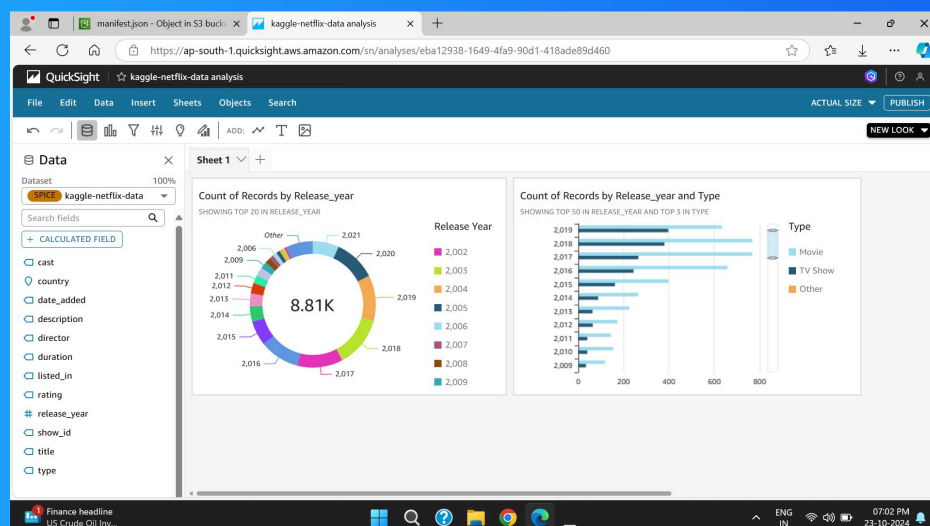


My first visualization

To create visualizations on QuickSight, I started dragging fields from the left panel to create visualization.

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

I created this graph by dragging and dropping the release_year label into the Y Axis heading. Next, drag the type label into the Group/Color heading.

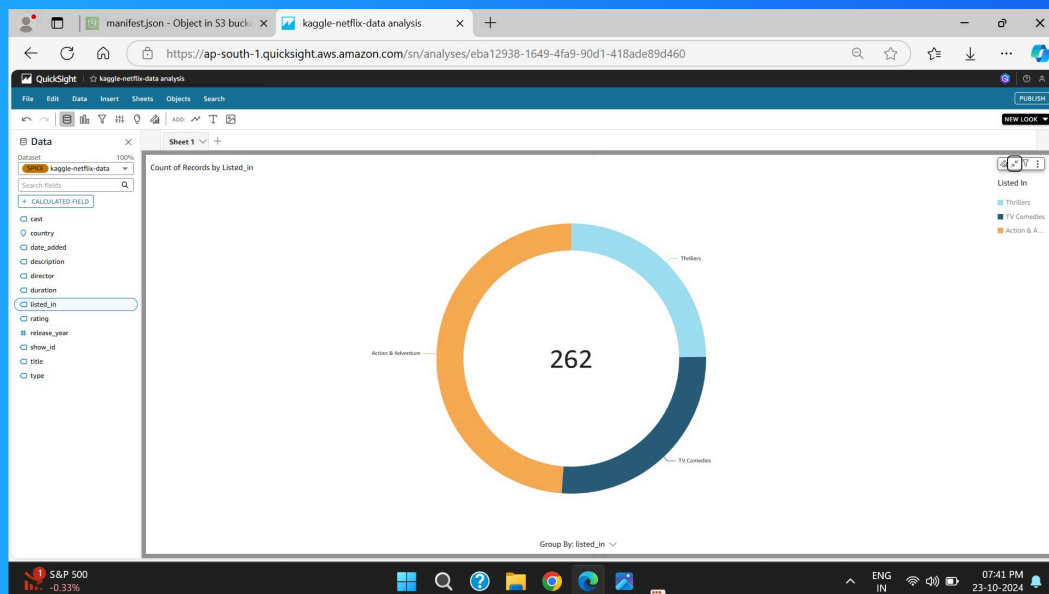




Using filters

Filters are useful for editing and selecting fields to display in the visualization.

This visualization is a breakdown of Record Counts of particular 3 category types. Here I added a Listed In Field and edited the filter to select only 'Action & Adventure', 'TV Comedies' and 'Thrillers'.





Setting up a dashboard

As a finishing touch, I updated the titles of the charts to make it look more organized.

Did you know you could export your dashboard as PDFs too? I did this by clicking on the Export option on the top right hand corner and clicked on PDF and downloaded it.

