

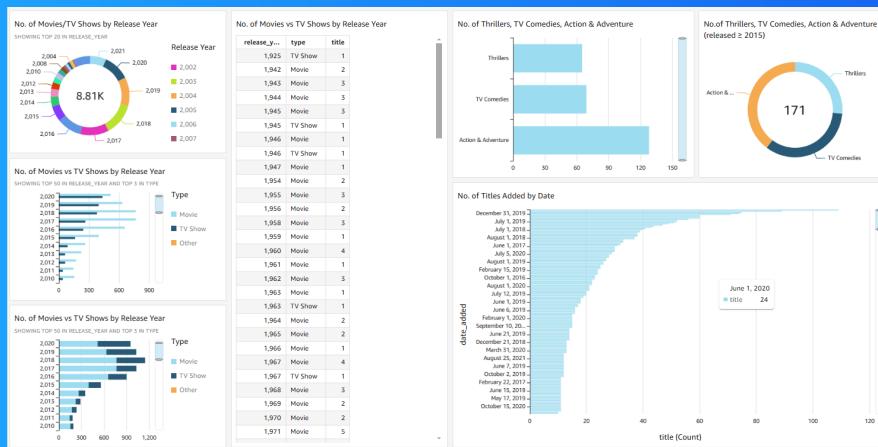


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Visualize data with QuickSight



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Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a tool for creating visual reports and dashboards from your data. It's useful because it helps you quickly understand and share insights without needing advanced technical skills.

How I used Amazon QuickSight in this project

I used Amazon QuickSight in today's project to connect to the data source, create visualizations by dragging and dropping fields, and build an interactive dashboard to analyze the data.

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

One thing I didn't expect in this project was how easily Amazon QuickSight handles large datasets and automatically scales to handle complex visualizations without significant performance issues.

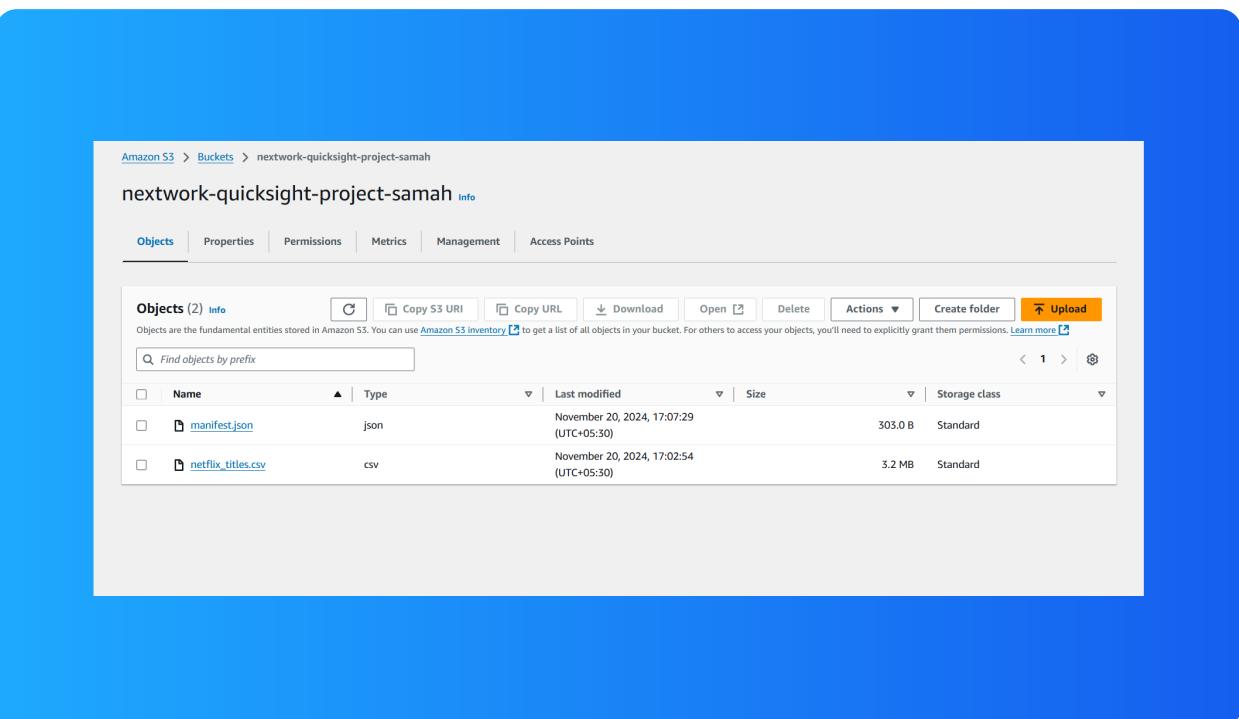
This project took me...

As this project is very simple, this project only 1 hour.

Upload project files into S3

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

I edited the manifest.json file by updating the S3 url of my dataset. It's important to edit this file because keeping an outdated url means that manifest.json would be directing to the wrong address.



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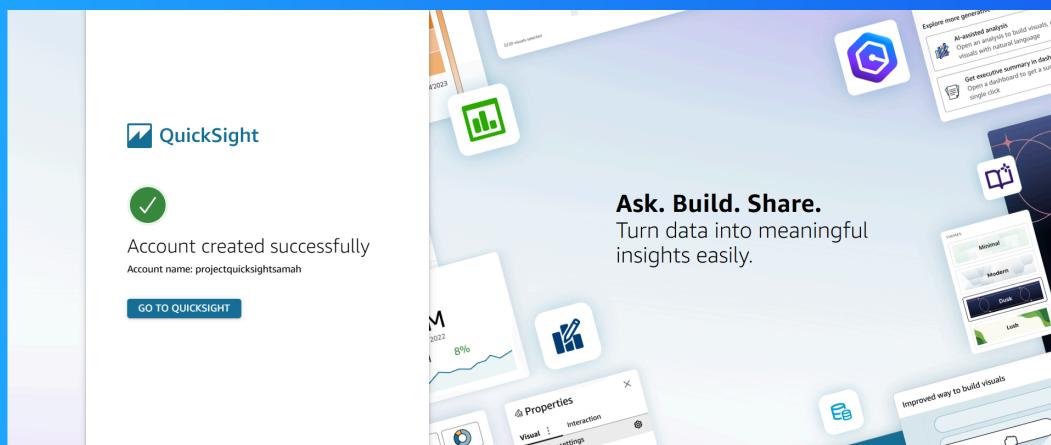
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Create QuickSight account

Its free to make a quicksight account (the free trail lasts for 30 days)..

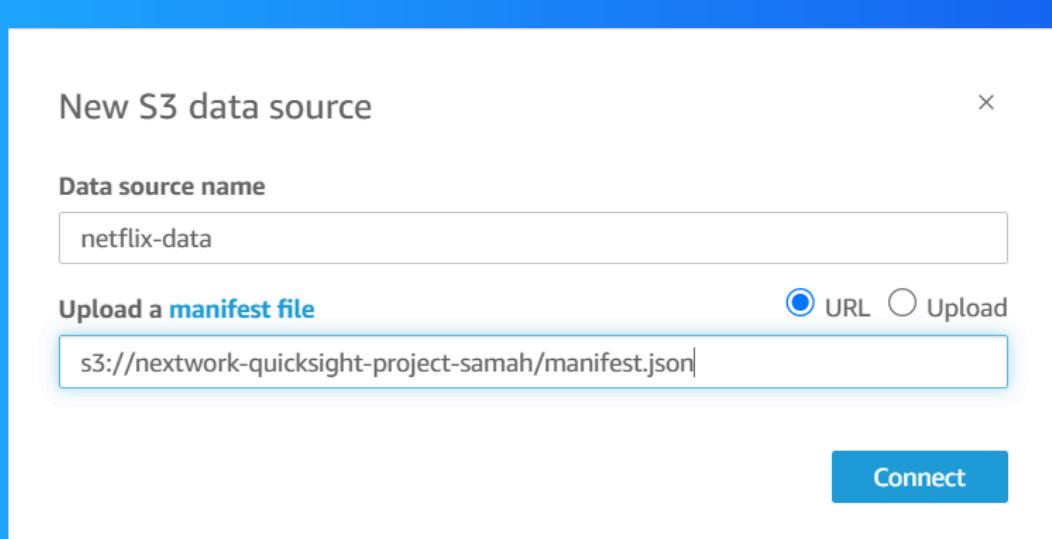
Creating an account took me two minutes.



Download the Dataset

I connected the S3 bucket to QuickSight by visiting is the New Dataset page.

'The manifest.json file was important in this step because it is needed to specify the location and structure of data in S3, ensuring QuickSight knows how to access and interpret it.

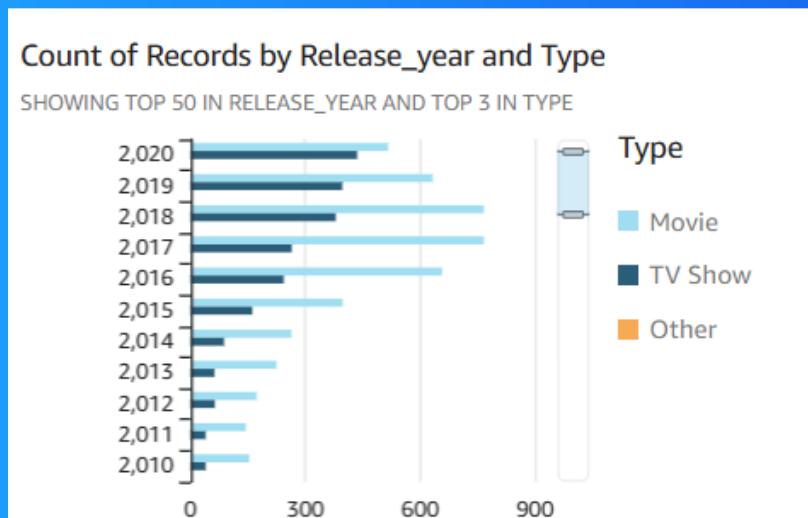


My first visualization

To create visualizations on QuickSight, you'll have to drag relevant fields into the quicksight dashboard's Autograph space.

The graph shown here is a breakdown of movies vs tv shows for every release year. I created this graph by putting the release year on the y-axis and making the type (i.e movie or tv show) the grouping variable

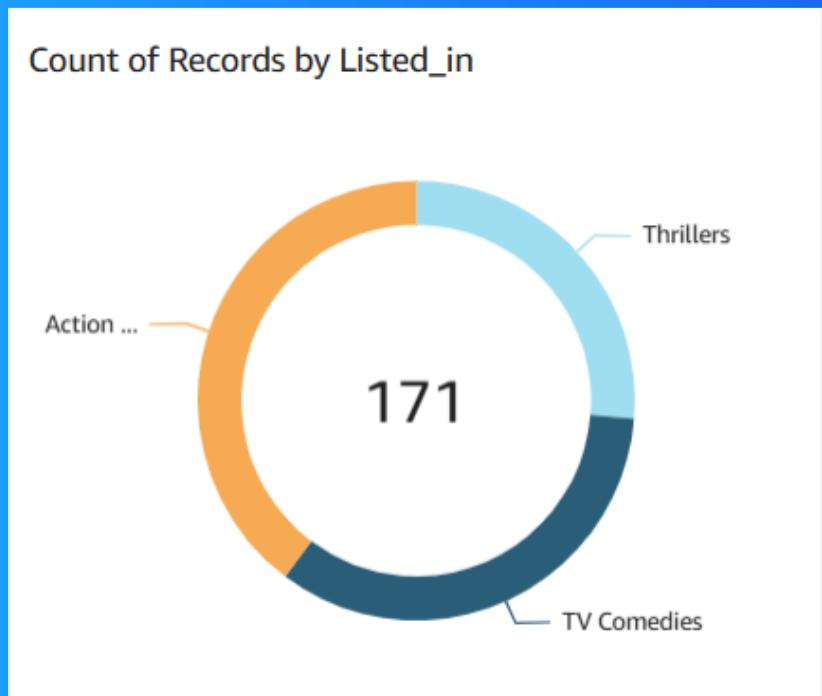
I created this graph by dragging and dropping fields into the autograph



Using filters

filters are useful for specifying the exact subset of data that you are wanting to analyze - effectively excluding any irrelevant data .

Here I added a filter by excluding movies and tv shows that were released before 2015. this hepled me create a visualization on movies and tv shows of three genres i specified that were realeased from 2015.



Setting up a dashboard

As a finishing touch i edited the titles of my graphs so the purpose of the each chart is clear to the reader.

I did this by publishing my dashboard and usimg the export function.





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