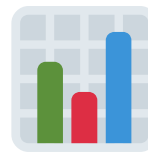
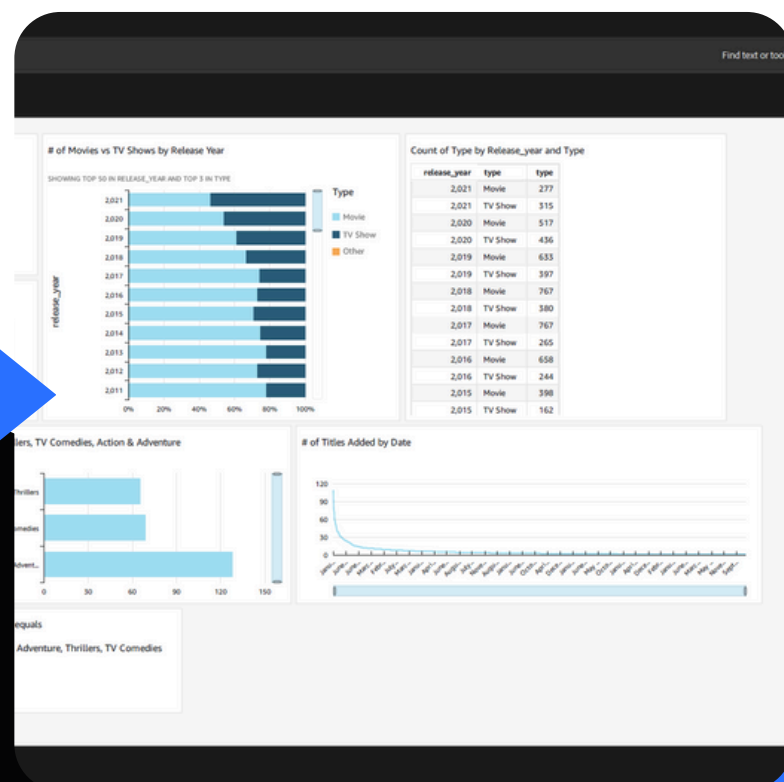


How I used Amazon QuickSight to visualise data



Ahmed Ali

1	Movie	Interstellar	United States	September 2	2017	150 min
2	TV Show	Yellowstone	United States	September 2	2021	1h 10m
3	TV Show	Call of Duty: Warzone	United States	September 2	2021	1h 10m
4	TV Show	Love Island	United States	September 2	2021	1h 10m
5	TV Show	Major League Soccer	United States	September 2	2021	1h 10m
6	TV Show	Major League Soccer	United States	September 2	2021	1h 10m
7	TV Show	Major League Soccer	United States	September 2	2021	1h 10m
8	TV Show	Major League Soccer	United States	September 2	2021	1h 10m
9	TV Show	Major League Soccer	United States	September 2	2021	1h 10m
10	TV Show	Major League Soccer	United States	September 2	2021	1h 10m



BEFORE WE START...

What is Amazon QuickSight?

What it does:

- it is used to create interactive plots

Why it's useful:

- it is user-friendly and easily navigable

How I'm using it in today's project:

- I am using it today to generate visuals of Netflix dataset .



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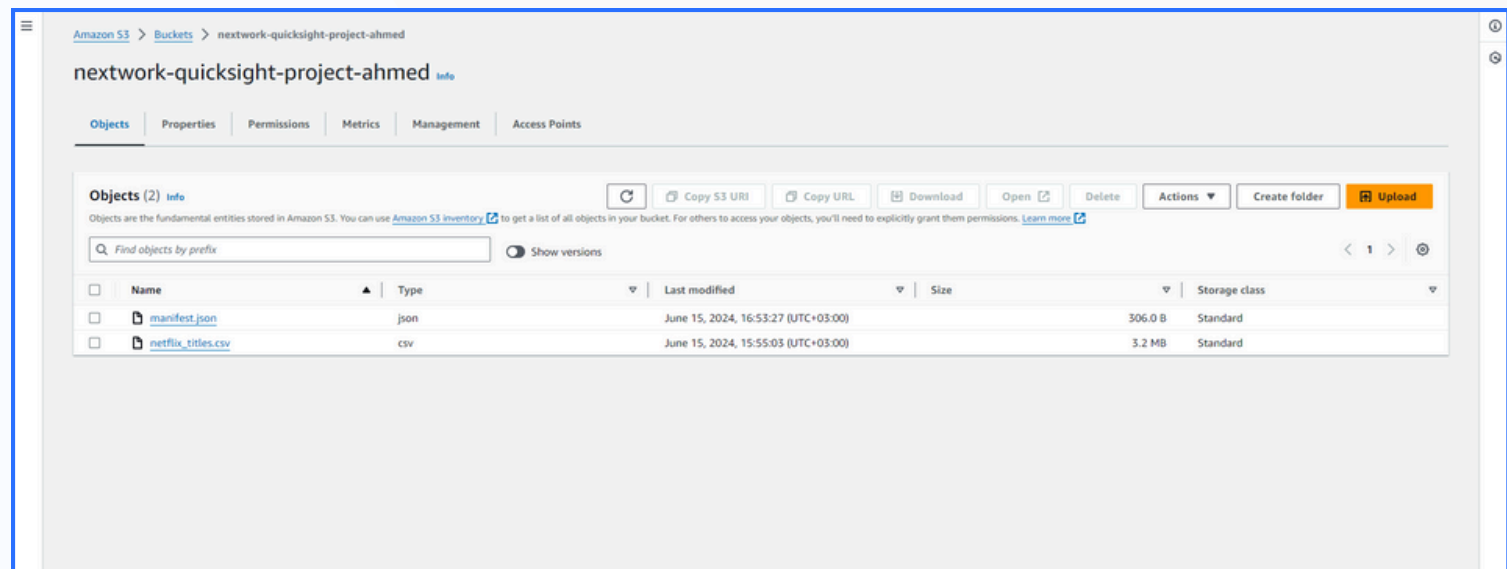


STEP ONE

Upload your dataset and a manifest.json file into S3

- S3 is used in this project to store csv and json files .
- I edited the manifest.json file by replacing the url. It's important to edit this file because it was containing the url file to other bucket.

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



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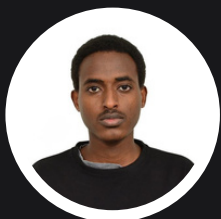
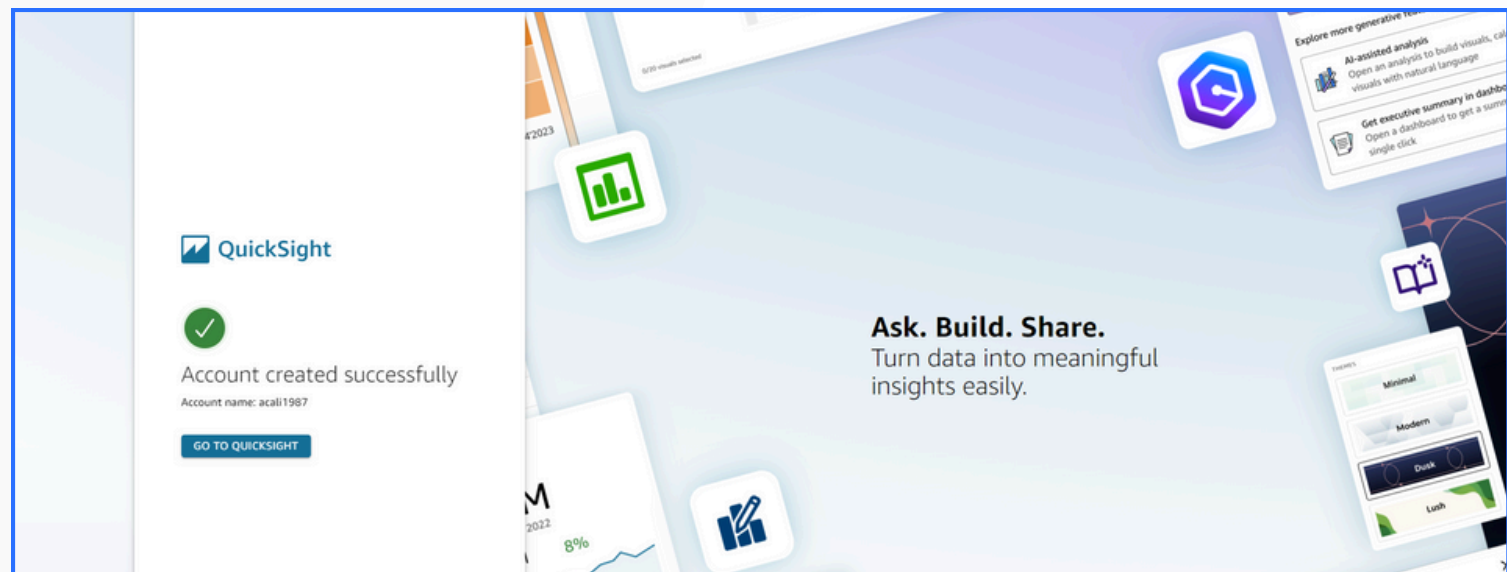


STEP TWO

Create your Amazon QuickSight account

- Does it cost \$ to use QuickSight? How long did it take to create an account?
- I also had to enable QuickSight's access to S3 because...

Voila! I created my
QuickSight account
successfully



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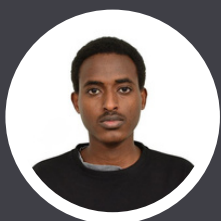
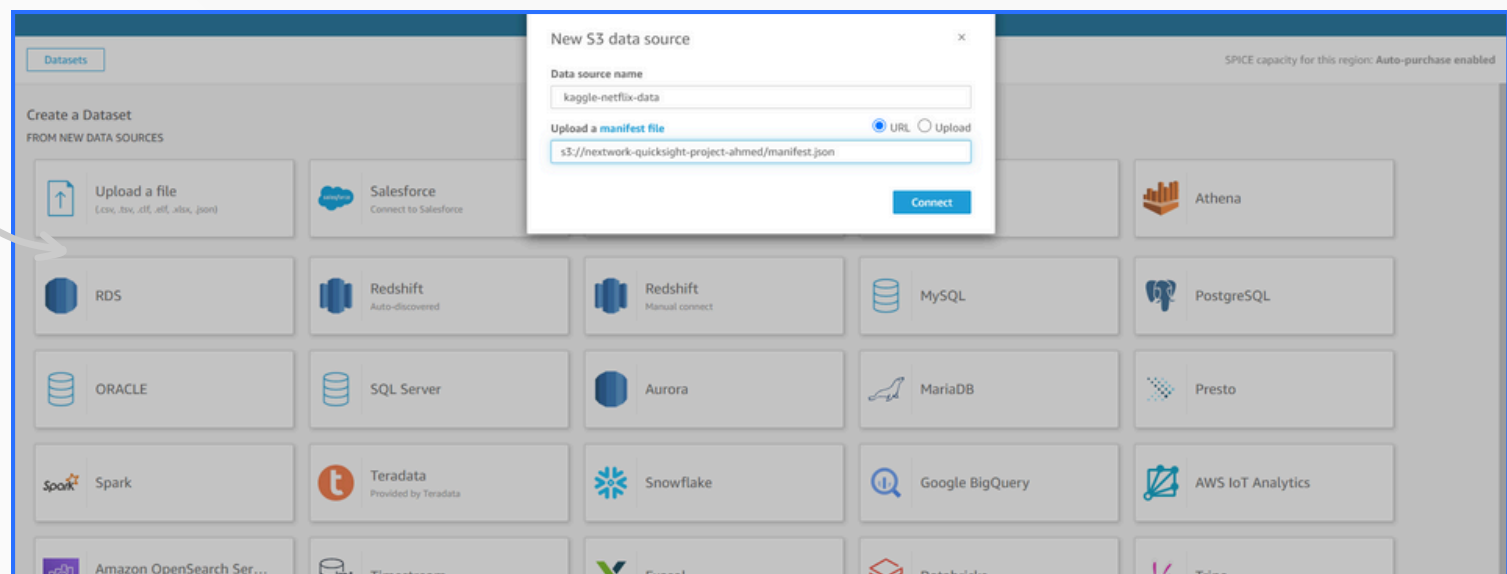


STEP THREE

Connect your S3 bucket to Amazon QuickSight

- I connected the S3 bucket to QuickSight by entering the url to the manifest.json in my bucket.
- The manifest.json file was important in this step because it contains the url to my bucket which the data is stored.

Entering the
manifest.json URL



[Your Full Name]

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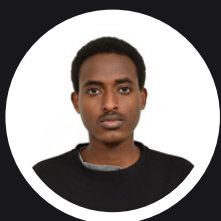
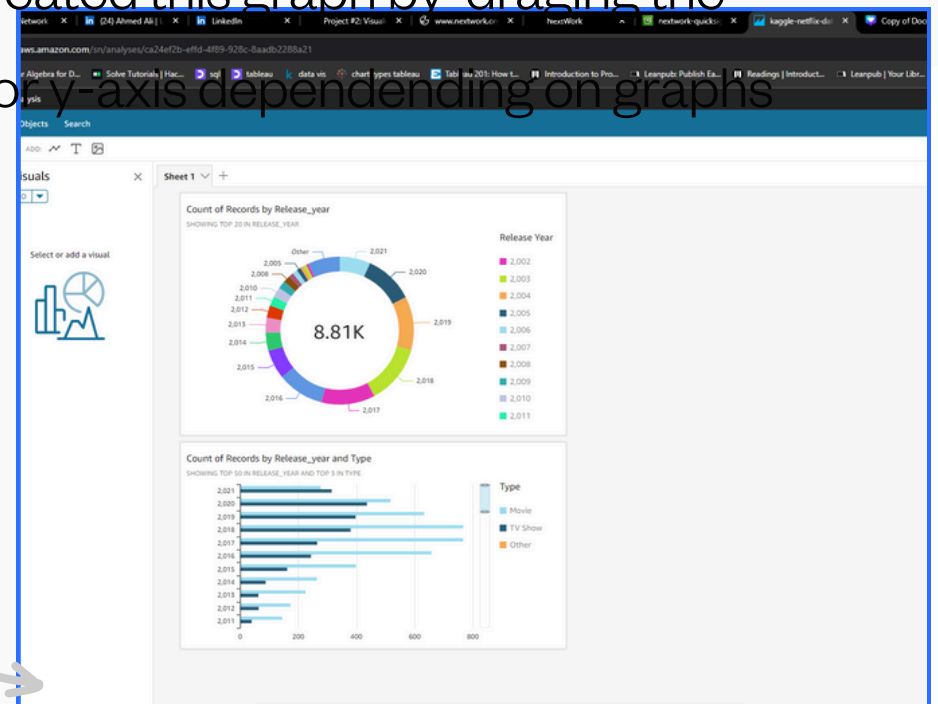


STEP FOUR

Let's make visualisations!

- To create visualisation on QuickSight, you'll have to select datasets on the quicksight page and select new datasets and then select s3 provide the url for manifest.json in your bucket then click visualize choose interactive plots then click create.
- The chart/graph shown here is a breakdown of release year grouped by type i.e. tv-shows or movies. I created this graph by dragging the fields of your datasets onto x-axis only y-axis depending on graphs or both

One of my first visualisations



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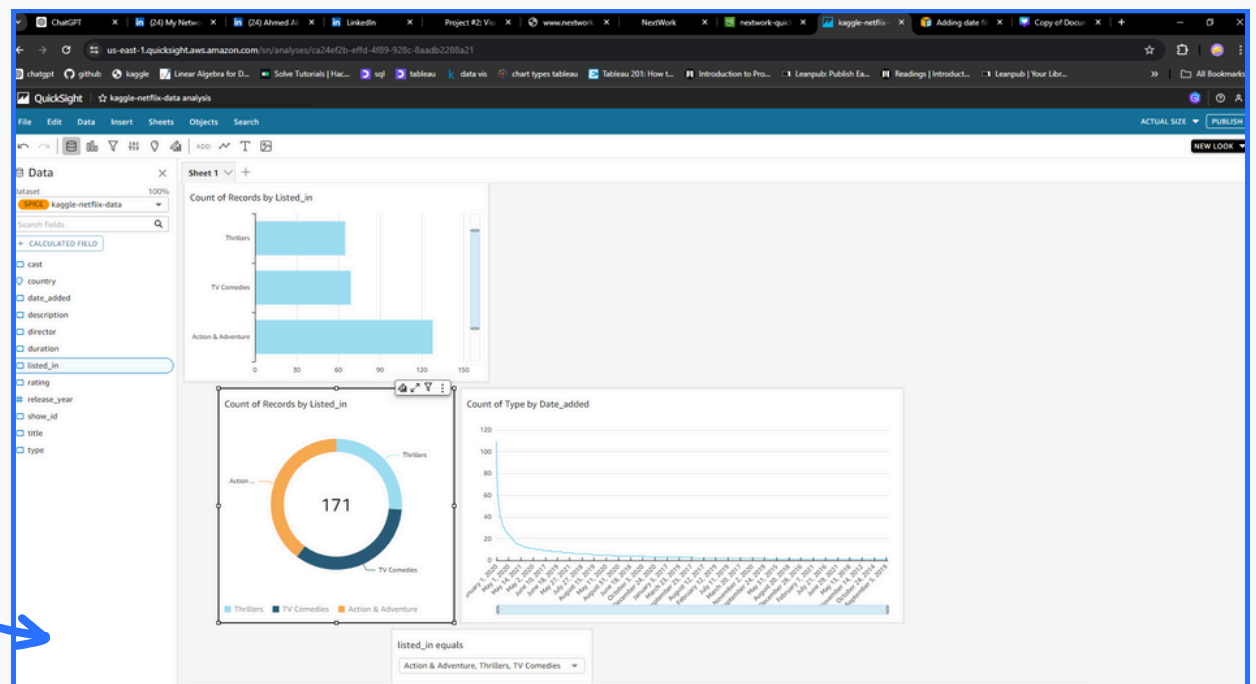


STEP FIVE

Using filters

- Filters are useful for narrowing down specific parts of the fields you are interested in.
- Here I added a filter by... This helped me create a visualisation on ...

A visualisation set up
after filtering for...



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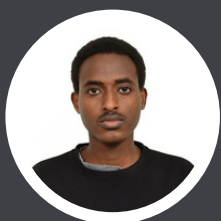
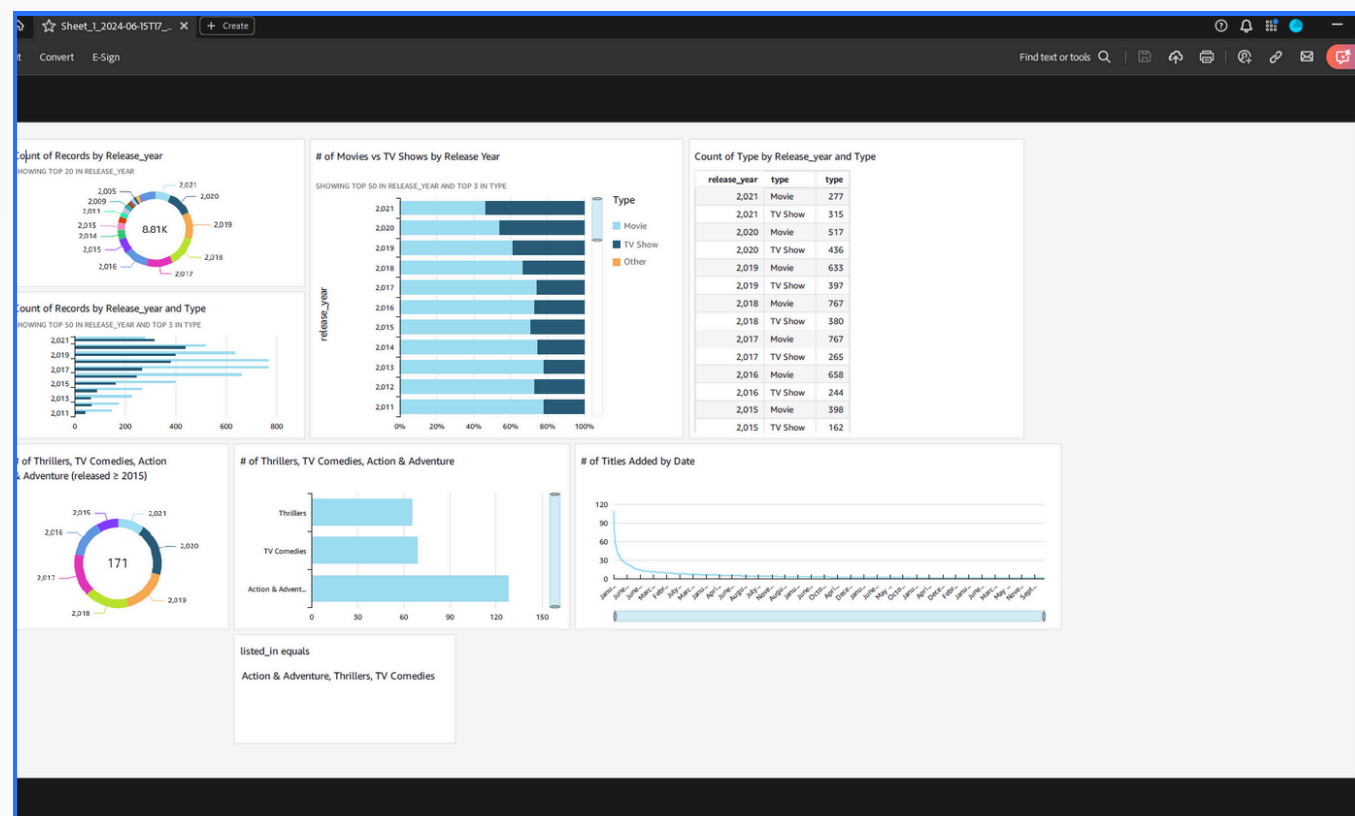


STEP SIX

Set up your dashboard!

- As a finishing touch, I added titles to my visuals and published them.
- Did you know you could export your dashboard as PDFs too? I did this by clicking export button and choosing generate pdf then downloading the PDF.

Voila! Here's the finished dashboard!



[Your Full Name]

@ahmedcali84



My Key Learnings

01

Explain QuickSight in your own words...

It a aws service that lets you create interactive plots with datasets.

02

What have you learnt from connecting S3 <>

QuickSight? Why did we use manifest.json?

the json file is used to connect our dataset in the bucket to Quicksight for visuals.

03

How did you find creating visualisations on QuickSight?

Was it easier than you expected? Yes, easier and powerful and easily navigable.

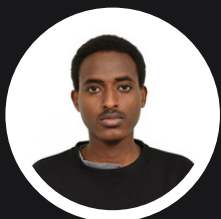
04

Did you know you could create and publish dashboards using QuickSight?

05

Was there anything else you've learnt from this project?

😊 e.g. filters



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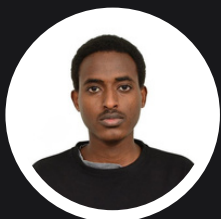


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Final thoughts...

- This project took me about 6 hours mainly because i was doing it together with other projects on my own i was also exploring quicksight.
- Delete EVERYTHING at the end! Let's keep this project free :)
- Now that I know how to use QuickSight, in the future I'd use it to visualize datasets of my own instead of hardcoding the plots using programming languages.
- One thing I didn't expect was how interactive and the power to add controls to the visuals.
- An area of data visualisation I'd like to explore further is... e.g. visualising real-time data, spatial data, combining data visualisation with storytelling, improving readability and comprehension of my dashboards



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Thanks NextWork for the
free project guide!



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