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Visualize data with QuickSight



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The screenshot shows the Amazon QuickSight interface with the following details:

- Dataset:** kaggle-netflix-data
- Visual 1 (Donut Chart):** Count of Records by Release Year. The chart displays the number of records for each year from 2014 to 2020. The total count is 8.81K. The data is as follows:

Release Year	Count
2014	2,016.00
2015	2,011.00
2016	2,012.00
2017	2,013.00
2018	2,018.00
2019	2,019.00
2020	2,021.00
Other	2,004.00
Total	8.81K

- Visual 2 (Histogram):** Count of Date_added by Date_added. The histogram shows the distribution of dates added, with the x-axis representing date_added (Count) from 0 to 120 and the y-axis representing date_added. The distribution is highly right-skewed, with most data points falling between 0 and 60.



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Introducing Today's Project!

What is Amazon QuickSight?

It is useful to handle and visualize data in the easiest way possible making way for faster and more appealing visuals. With its tools and vibrant colors it makes it even better for the user to interact and learn.

How I used Amazon QuickSight in this project

I used it to connect it to my Amazon S3 bucket and visualise the data of Netflix's publishing history.

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

That me being a complete noobie to Data Visualization was able to do this within an hour and half!

This project took me...

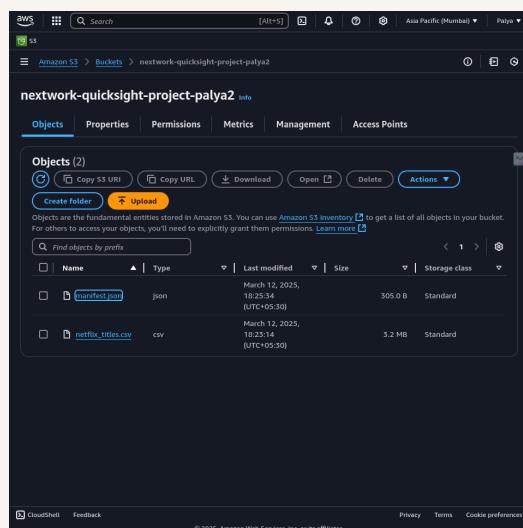
1.5 hours



Upload project files into S3

S3 is used in this project to store two files, which are used to store the data that we will be visualising later on in this project.

I edited the manifest.json file by... It's important to edit this file because i had to update the S3 url of the csv file that we will be using.





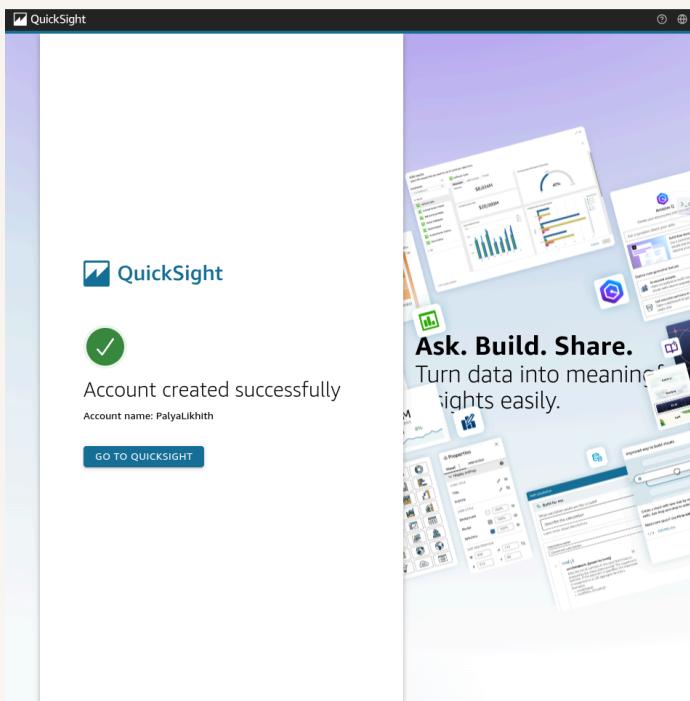
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Create QuickSight account

Creating a QuickSight account cost me literally 0, thanks to NextWork's documentation.

Creating an account took me a few mins.

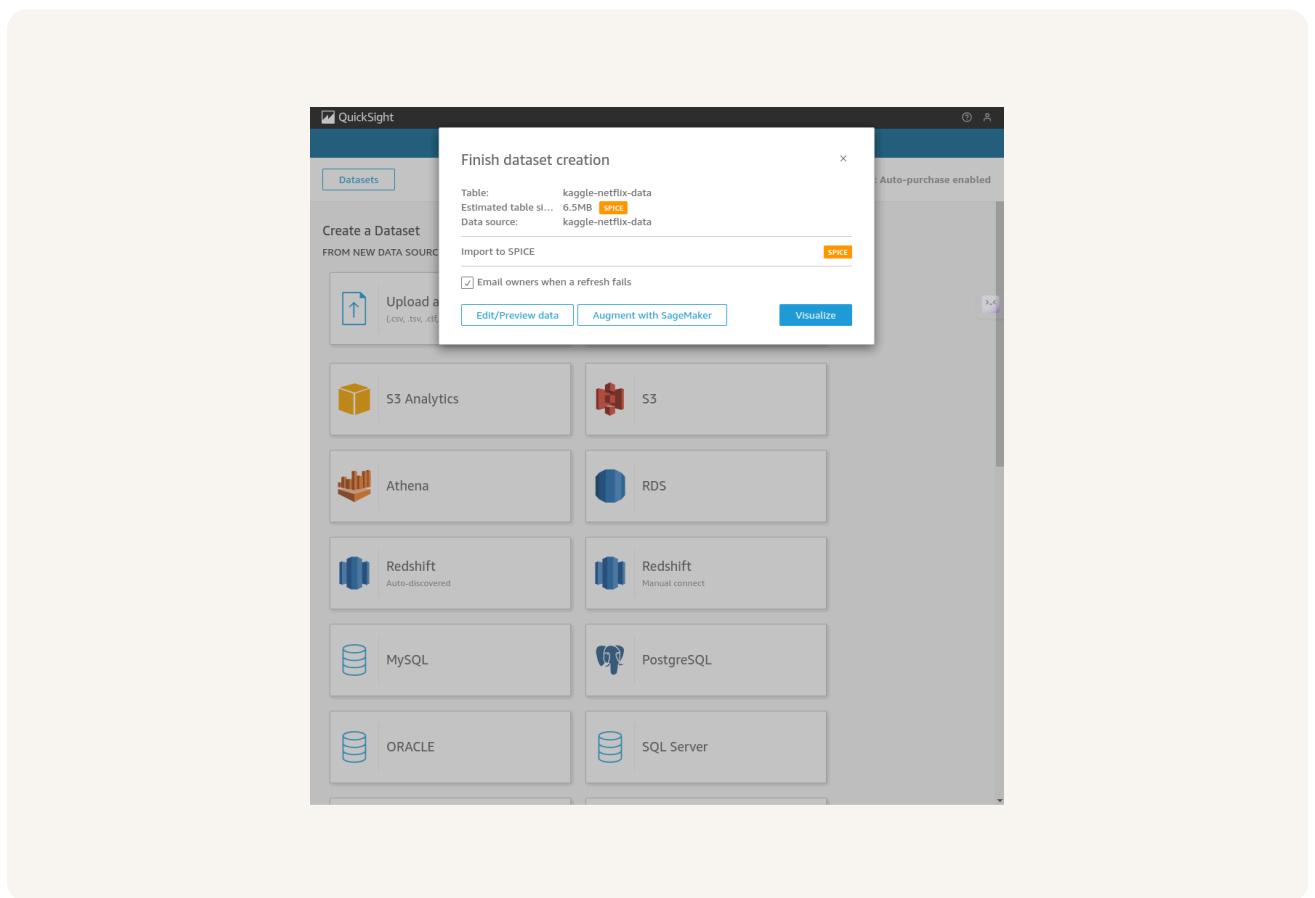




Download the Dataset

I connected the S3 bucket to QuickSight by visiting my already up and running S3 bucket and taking my manifest.json file S3 link from there.

The manifest.json file was important in this step because it has all the necessary details which include the link to the csv file that we extracted from kaggle

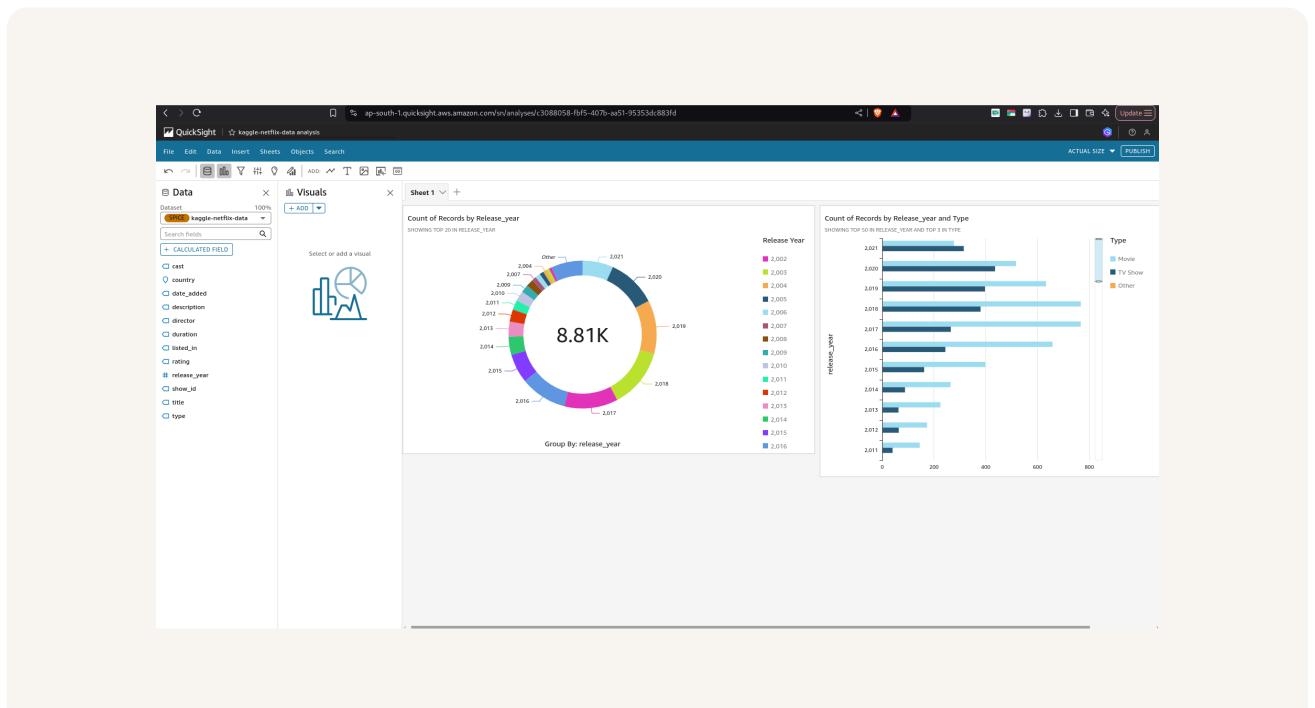


My first visualization

To create visualizations on QuickSight, I had to export the csv file onto QuicSight and set up the visualisation dashboard.

The chart/graph shown here is a breakdown of the number of tv shows released in the range of years showin in the doughnut chart and the horizontal barchart is the count of the records by release year and type.

created this graph by dragging and dropping my required files of the csv file onto the playground.



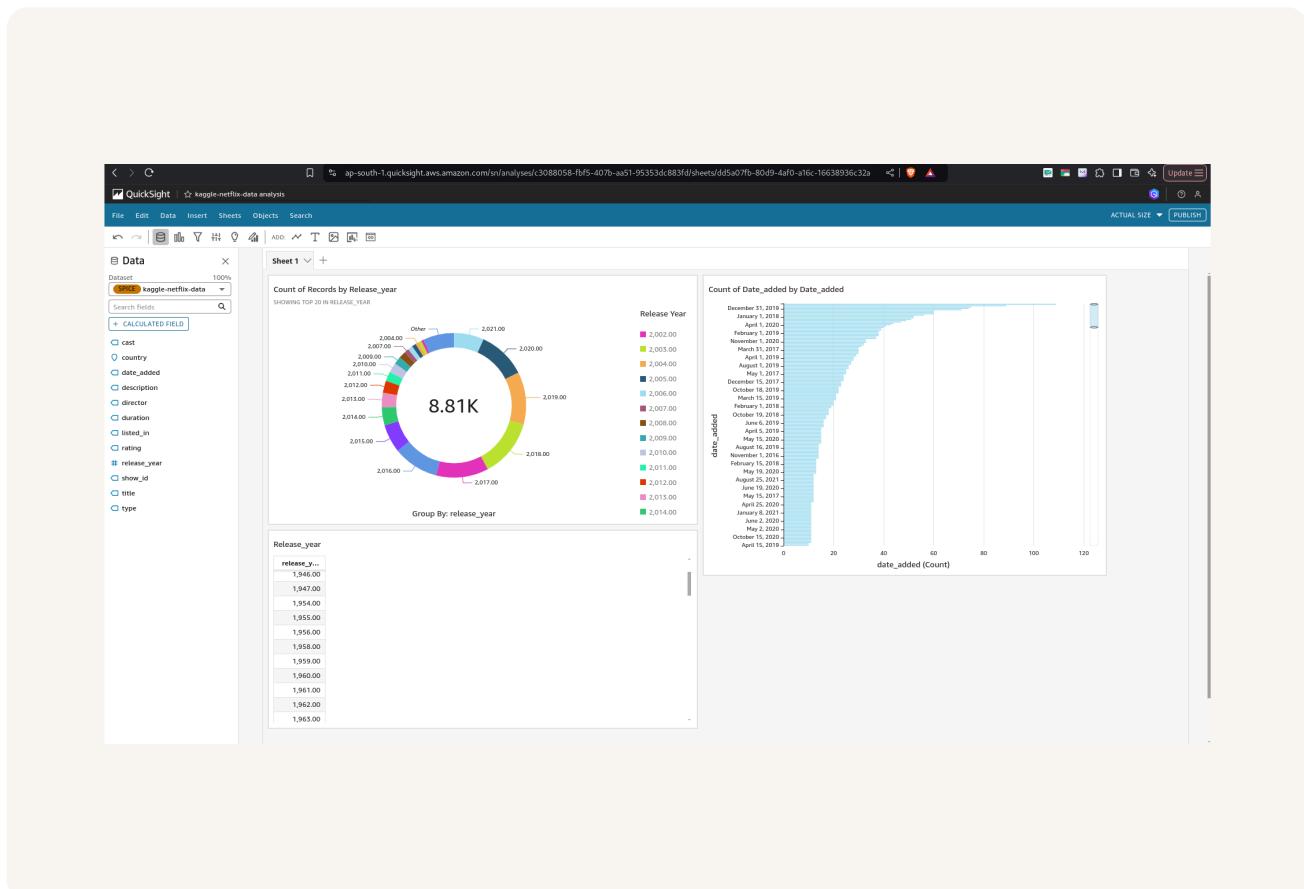
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Using filters

Filters are useful for finding specific data and exporting valuable information from them.

This visualization is a breakdown of all the necessary tools and steps to visualise data.

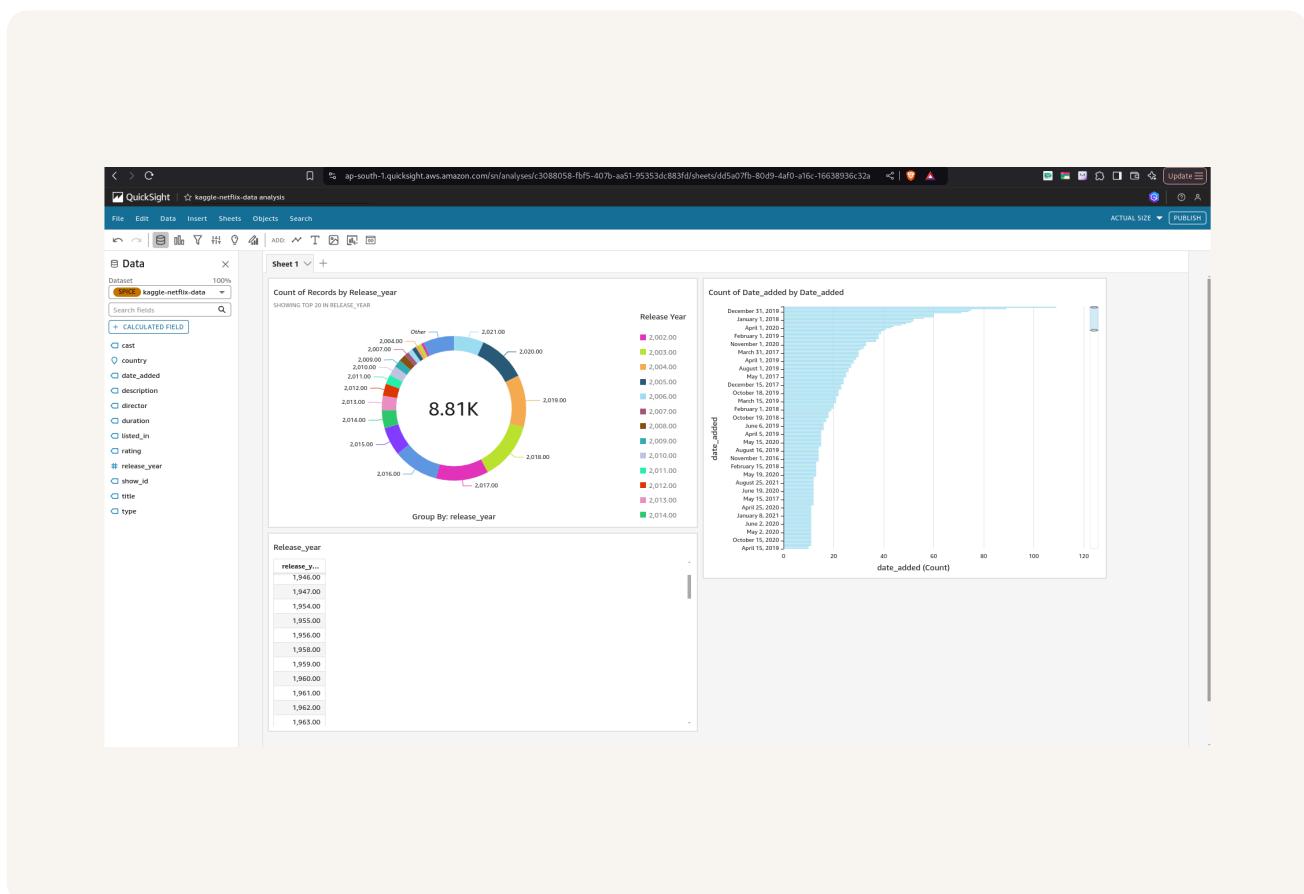




Setting up a dashboard

As a finishing touch, I published my dataset visualization and exported it into a pdf

Did you know you could export your dashboard as PDFs too? I did this by simply clicking on the export option.





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