



Visualize data with QuickSight



Ronson Lobo





Introducing Today's Project!

What is Amazon QuickSight?

Amazon Quicksight is a business analytics service provided by AWS. Quicksight provides easy to use tools to build visualizations, perform ad-hoc analysis, get business insights from the data and share the results with others.

How I used Amazon QuickSight in this project

I used the Amazon QuickSight by creating a new sight and adding a S3 bucket with data into it.

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

I didn't expected that service is so easy and usable Quicksight provides easy to use tools to build visualizations, perform ad-hoc analysis, get busi

This project took me...

I was able to make this project in max 30-45 minutes

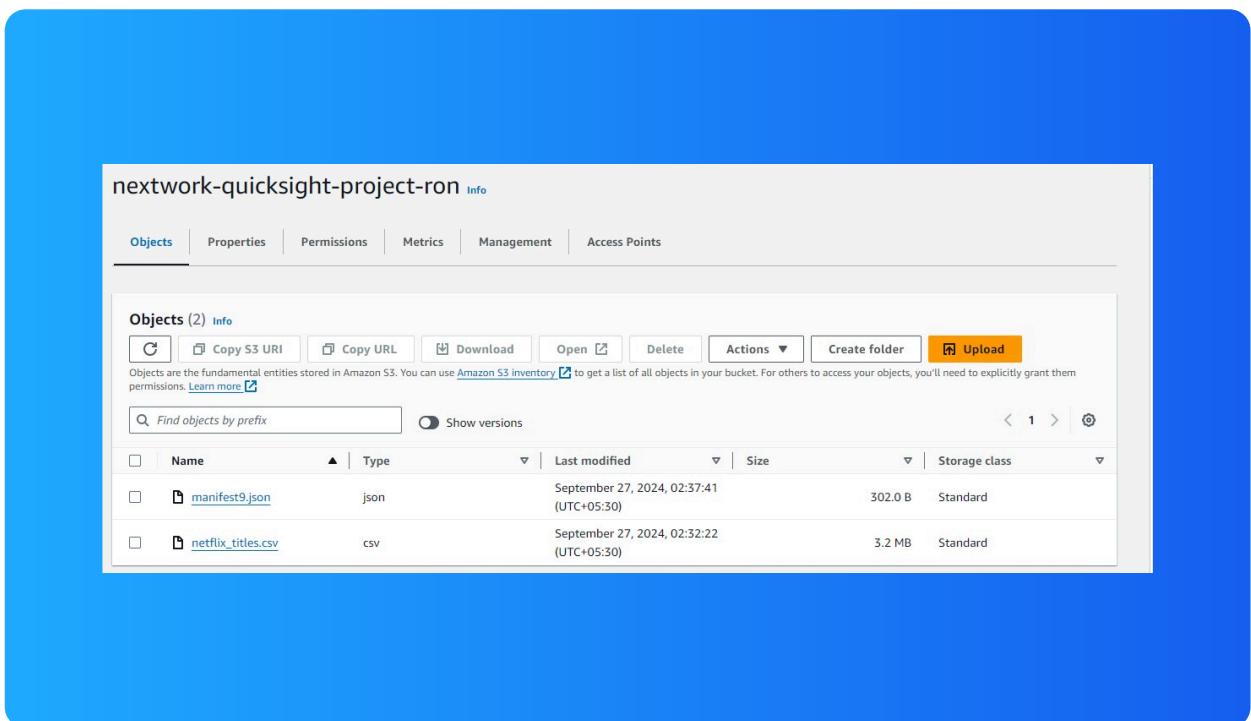
Ronson Lobo
NextWork Student

NextWork.org

Upload project files into S3

S3 is used in this project to store two files, which are manifest which is a json file with policy, and netflix_title.csv file with Netflix Title data

I edited the manifest.json file by... It's important to edit this file because we need to mention the URL of your dataset.



Ronson Lobo
NextWork Student

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Create QuickSight account

Creating a QuickSight comes with a free trial so you won't be charged just make sure you delete your resources later

Creating an account took me max 5 minutes



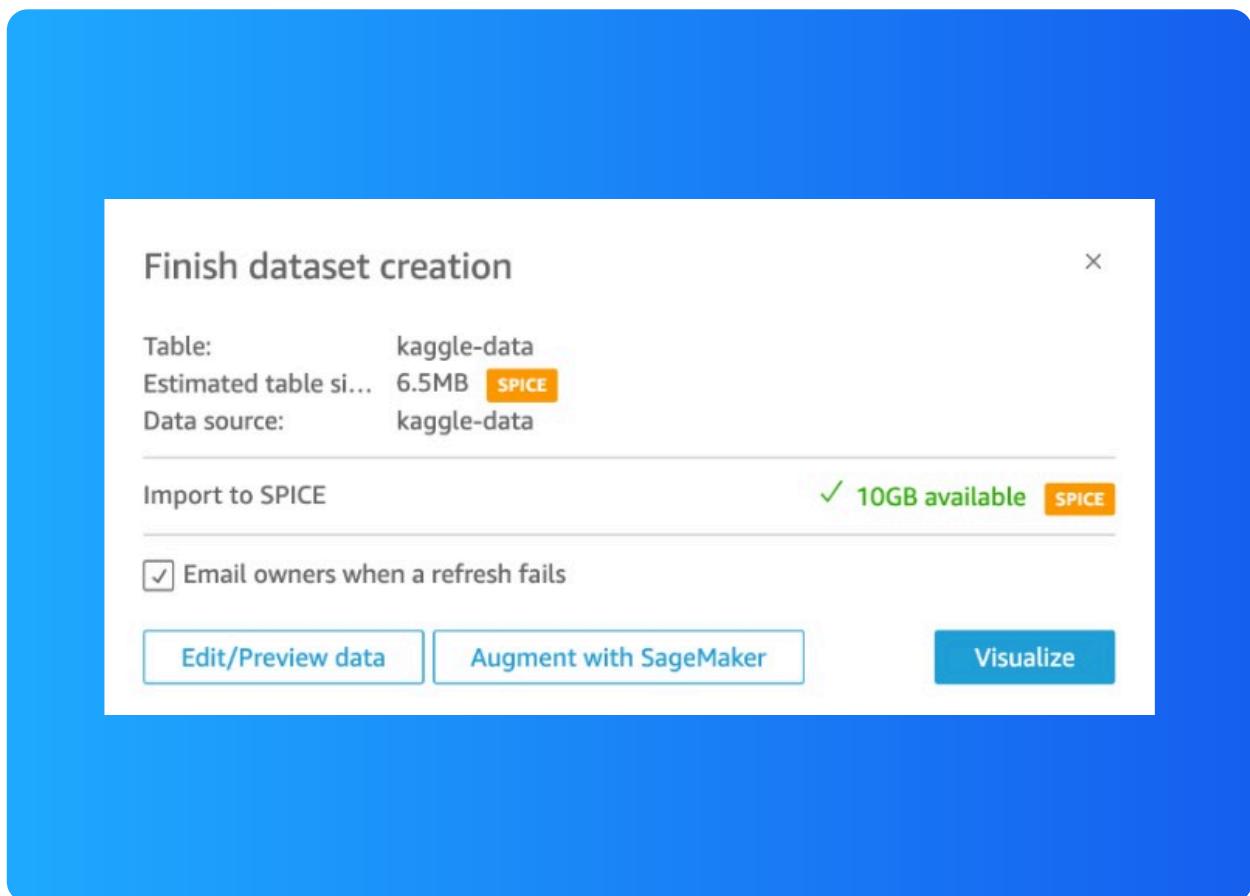
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NextWork Student

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Download the Dataset

I connected the S3 bucket to QuickSight by visiting Data Set option on the left panel and added URL of the json file

The manifest.json file was important in this step because it consist the url of the S3 where we are going to store the data



Ronson Lobo
NextWork Student

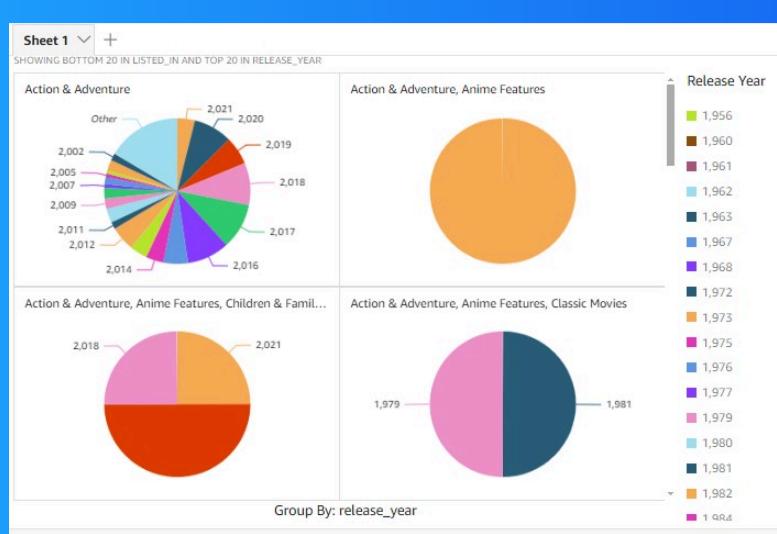
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My first visualization

Know your data & purpose. ... Select a chart type that best accomplishes your purpose, given the data you have. ... Choose the software or tool you will use to create your visualization. ... Refine your visualization according to best practices

The chart/graph shown here is a breakdown of Films series according to type grouped by release year and categorized according to year type etc

I created this graph by dragging and dropping country, data added , description , listed in , show id , release year etc



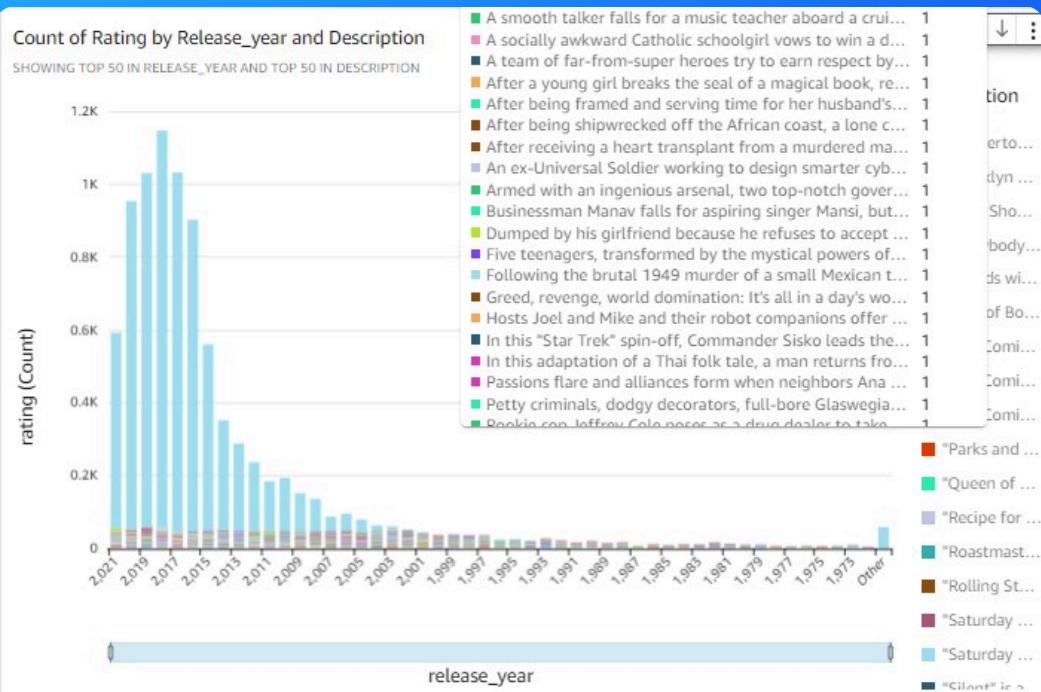
Ronson Lobo
NextWork Student

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Using filters

Filters are useful for bifurcating data, filtering types as per needs and requirements

This visualization is a breakdown of Count of Rating by release year and description i added a filter of release year director description etc

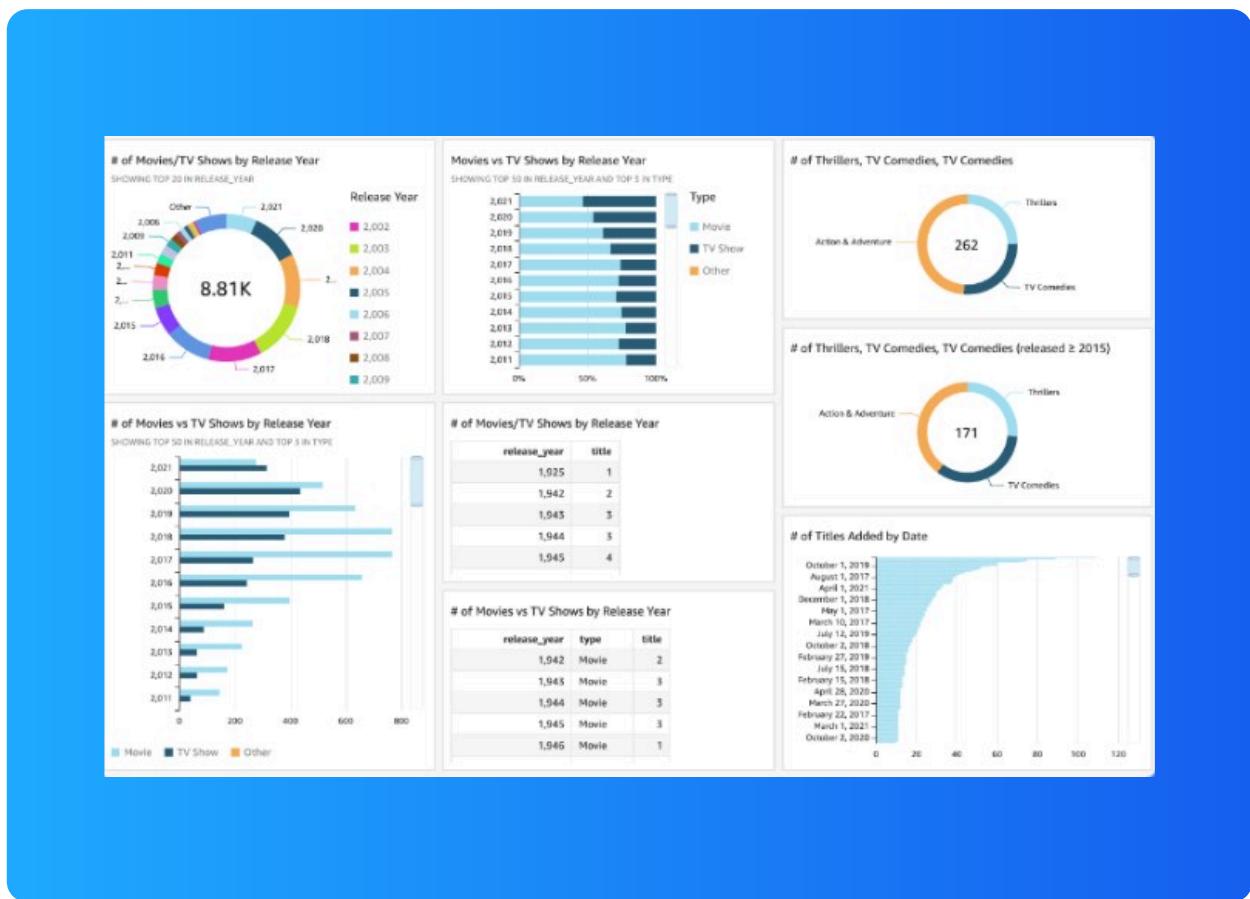




Setting up a dashboard

As a finishing touch, On the top right-hand corner, select Publish . This will make your dashboard public so you can share it with your data team lead. Gave a name to my dashboard and published it.

I did this by On the top right hand corner, select the export icon. Clicked on export to PDF it took some time and my PDF was ready to download.





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