



Visualize data with QuickSight

R

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Introducing Today's Project!

In this project, I will demonstrate that I can creat aws analytics I'm doing this project to learn about how to manage data and create dashboard with AWS services

Tools and concepts

The services I used were Amazon S3 and QuickSight. Key concepts I learned include managing data and creating meaningful dashboards.

Project reflection

This project took me approximately around 90 minutes The most challenging part was making dashboards on QuickSight It was most rewarding to see those dashboards properly working.

After this project, I plan to work on the "Cloud Security with AWS IAM" project I will start this project on a few minutes.



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 the url It's important to edit this file because it needs the correct url.

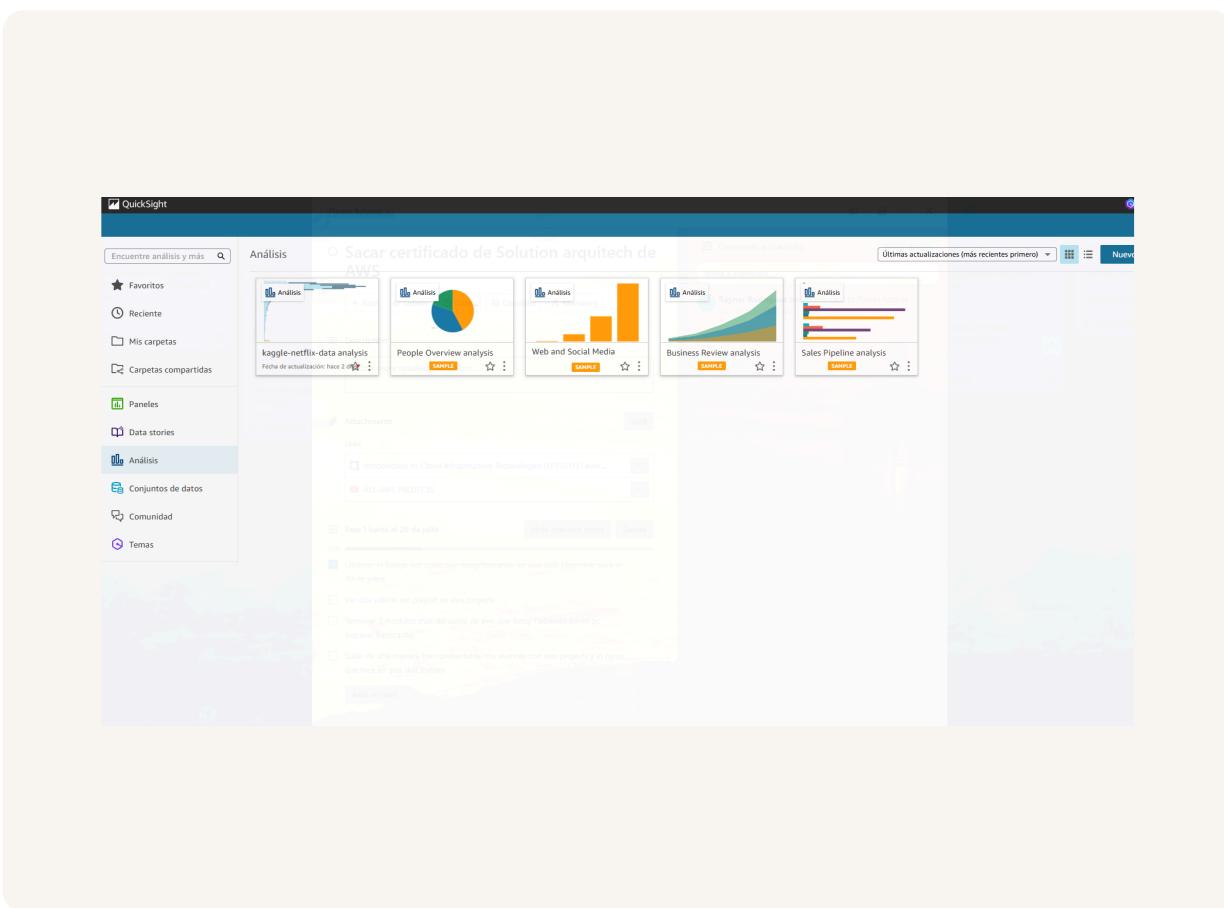
Nombre	Tipo	Última modificación	Tamaño	Clase de almacenamiento
manifest.json	json	7 Jul 2025 10:56:15 PM AST	296.0 B	Estándar
netflix_titles.csv	csv	7 Jul 2025 10:55:15 PM AST	3.2 MB	Estándar



Create QuickSight account

Creating a QuickSight account is totally free.

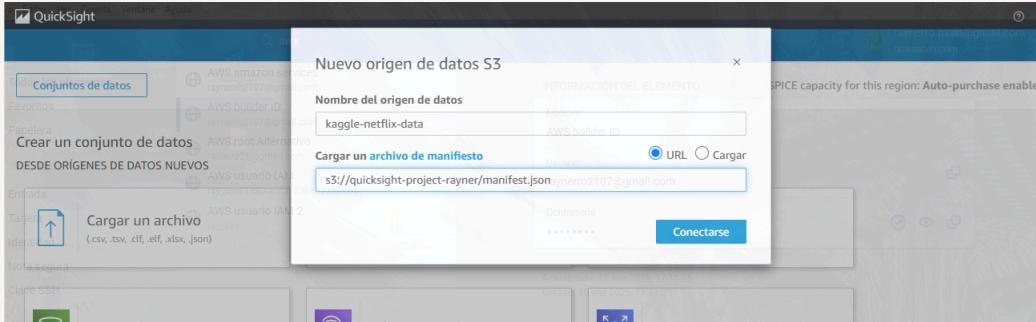
Creating an account took me around 3 minutes.



Download the Dataset

I connected the S3 bucket to QuickSight by visiting "new Datasets" page

The manifest.json file was important in this step because it tells QuickSight what my dataset looks like.

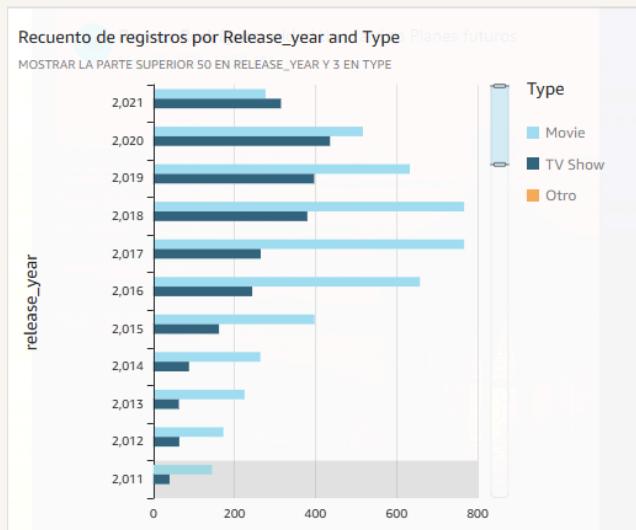


My first visualization

To create visualizations in QuickSight, I select a field and then choose a chart type.

The chart/graph shown here is a breakdown of the Records by Release_year and Type.

I created this graph by dragging and dropping Release_year and Type.



Using filters

Filters are useful for organizing the data.

This visualization is a breakdown of TV shows and movies featured listed. Here I added a filter by 'Action & Adventure', 'TV Comedies', or 'Thrillers'



Setting up a dashboard

As a finishing touch, I added more filters to one of them.

Did you know you could export your dashboard as PDFs too? I did this by publishing it then I exported it as a PDF.





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