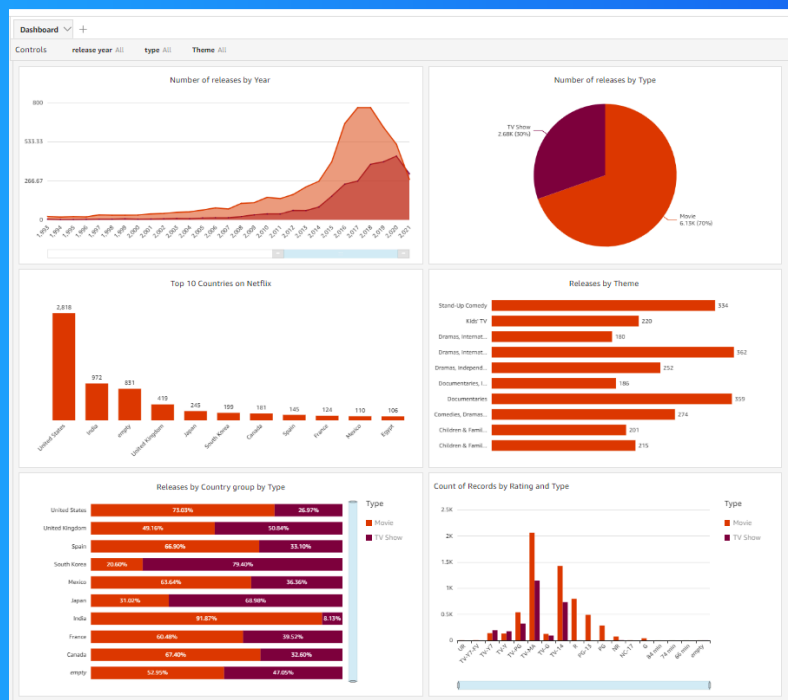# Visualize data with QuickSight

Marco

Introducing Today's Project!

What is Amazon QuickSight?

Amazon QuickSight is a cloud-powered business intelligence (BI) service that allows users to easily create and share interactive dashboards, visualizations, and insights from their data and supports many data sources.

How I used Amazon QuickSight in this project

I use AWS to upload my date to a S3 enviroment and using that data in my QuickSight dashboard

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

to see how easy it is to use S3.
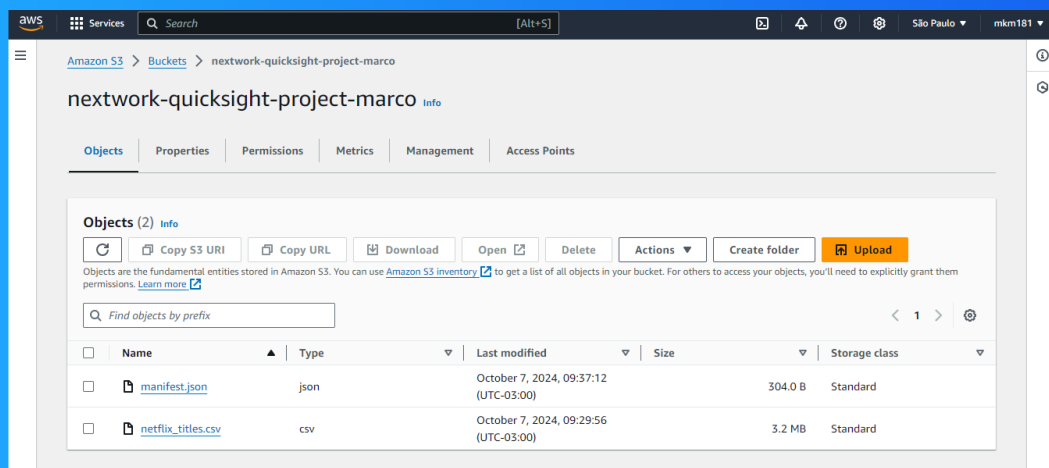
This project took me...

2 hours.

Upload project files into S3

S3 is used in this project to store the data set and the manifest.json file

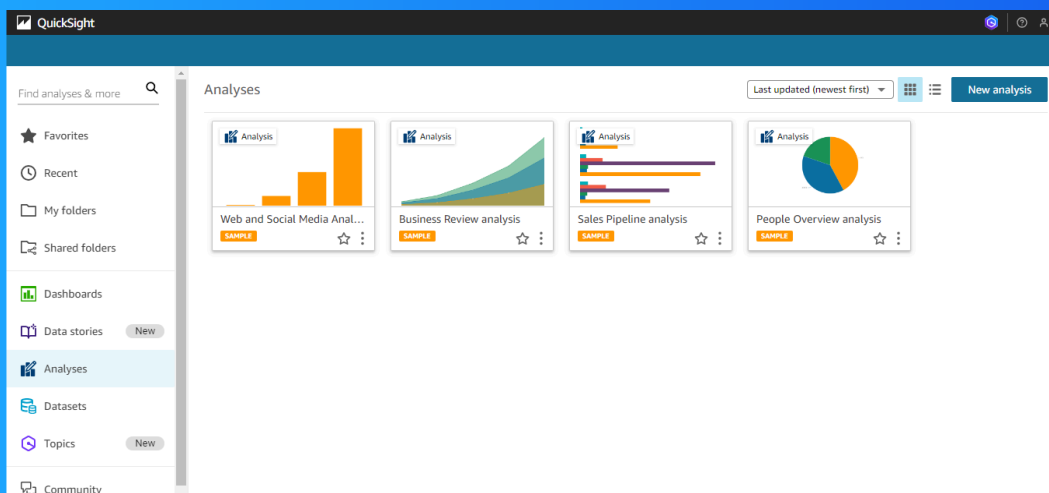The manifest.json is updated withe the right S3 URI of the dataset.

Create QuickSight account

It is free to make a QuickSight account (the free trial lasts for 30 days) It was necessary to anable QuickSingt's acess to S3.

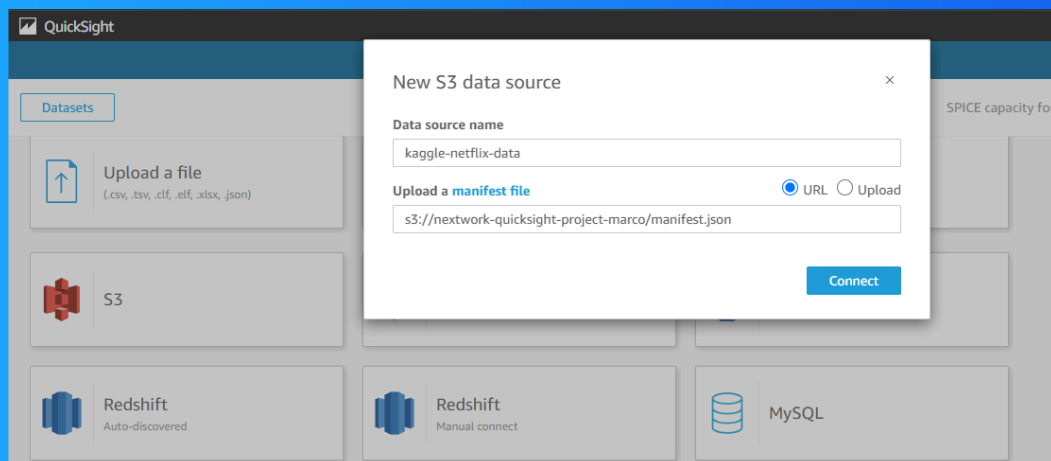Create a QuickSight account takes only 2 minutes

Download the Dataset

I connected the S3 bucket to QuickSight by visiting my "nextwork-quicksight-project-marco" bucket and coping the S3 URI of manifest.json

The manigest.json files is like a map that tells Amazon QuickSight where the date is and how to read it. the format of my file is CSV, the delimiter is by comma, text qualifier is "\" and contains a header.
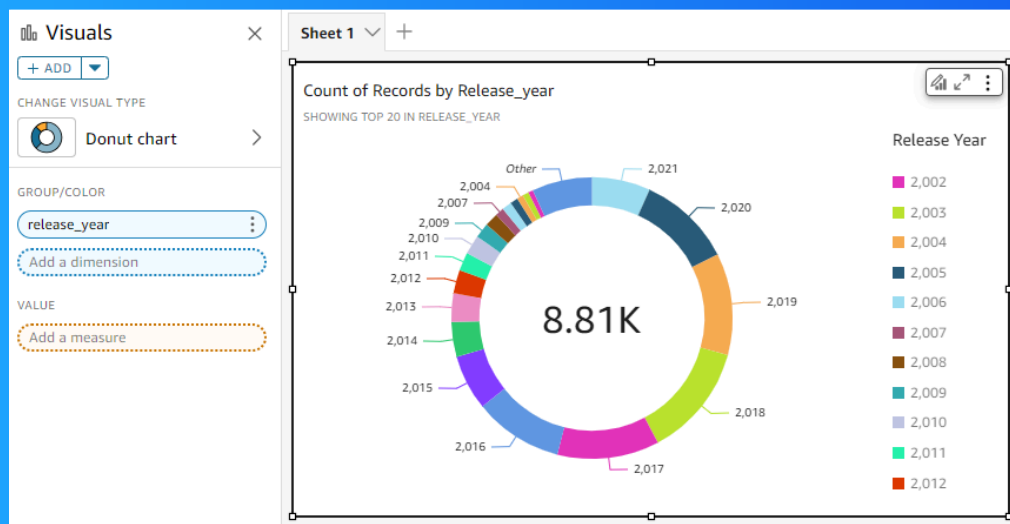
My first visualization

To create a visualisation on QuickSight, is necessary to drag relevant variables to AutoGraph space and select the visual type.

The chart shown here is a breakdown of release of movies by year.

'I created this graph by dragging and droppinp the release year and selecting the donaut chart type.
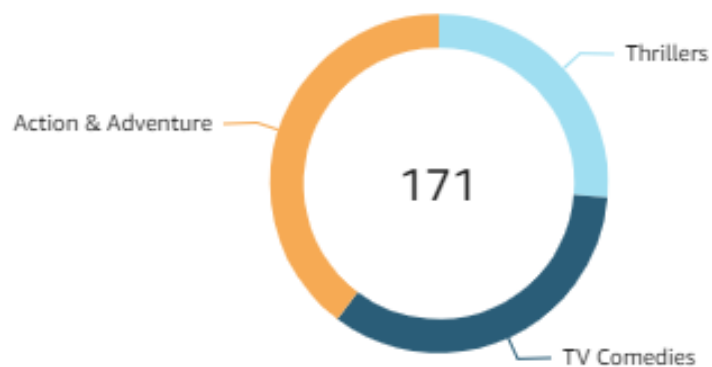
Using filters

Filters are useful for specifying the exact subset of data that you are wanting to analyse avoiding irrelevant data.

The filter here is excluding movies and TV show that were released before 2015.

Setting up a dashboard

Some calculated fields were required to display certain charts, and filters were added to improve the understanding of the variables.

To donwload the dashboard as PDF is only required for you to click in the publish bottom.