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Visualize data with QuickSight 📊

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Introducing Amazon QuickSight!

What it does & how it’s useful

AmazonQuickSight is a cloud-based business intelligence (BI) service offered by Amazon Web Services (AWS) that enables organizations to visualize their data and gain insights from it through interactive dashboards and reports

How I’m using it in today’s project

Connect toData Sources:QuickSight connects to a variety of data sources, including AWS services (Amazon S3, Redshift, RDS), on-premises databases, and third-party sources like Salesforce, MySQL, PostgreSQL, and more.

This project took me...

The project took me 90 minutes to complete the given task. I completed the documentation within an hour.it is very simple project for the beginners who are interested into Data Analytics.

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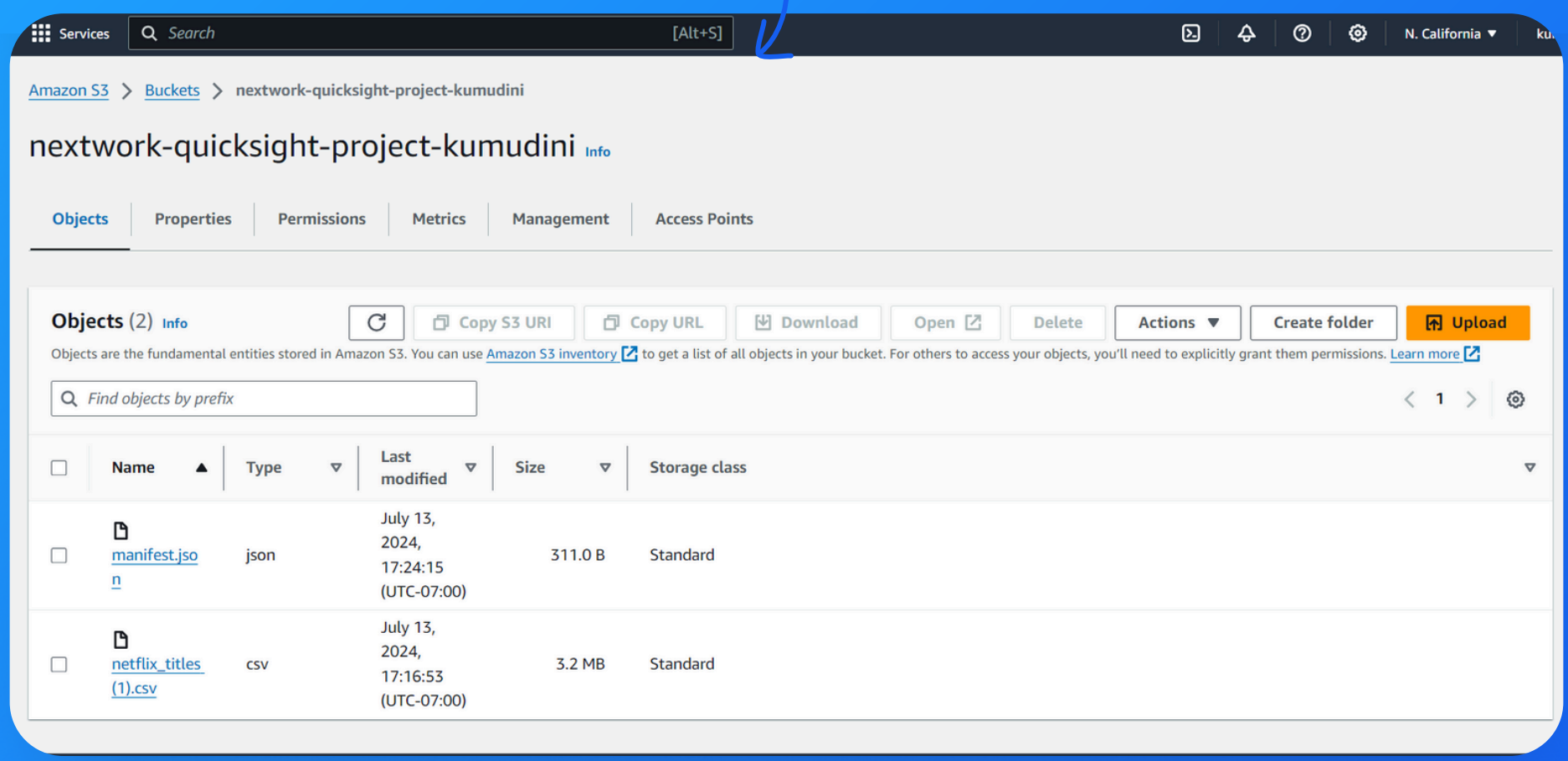
Upload project files into S3

I connected the S3 bucket toQuickSight by using the URL of the manifest.json file or basically upload the manifest.json file
The manifest.json file was important in this step because it shows how the data in the dataset is arranged or laid out so that quicksight can interface

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



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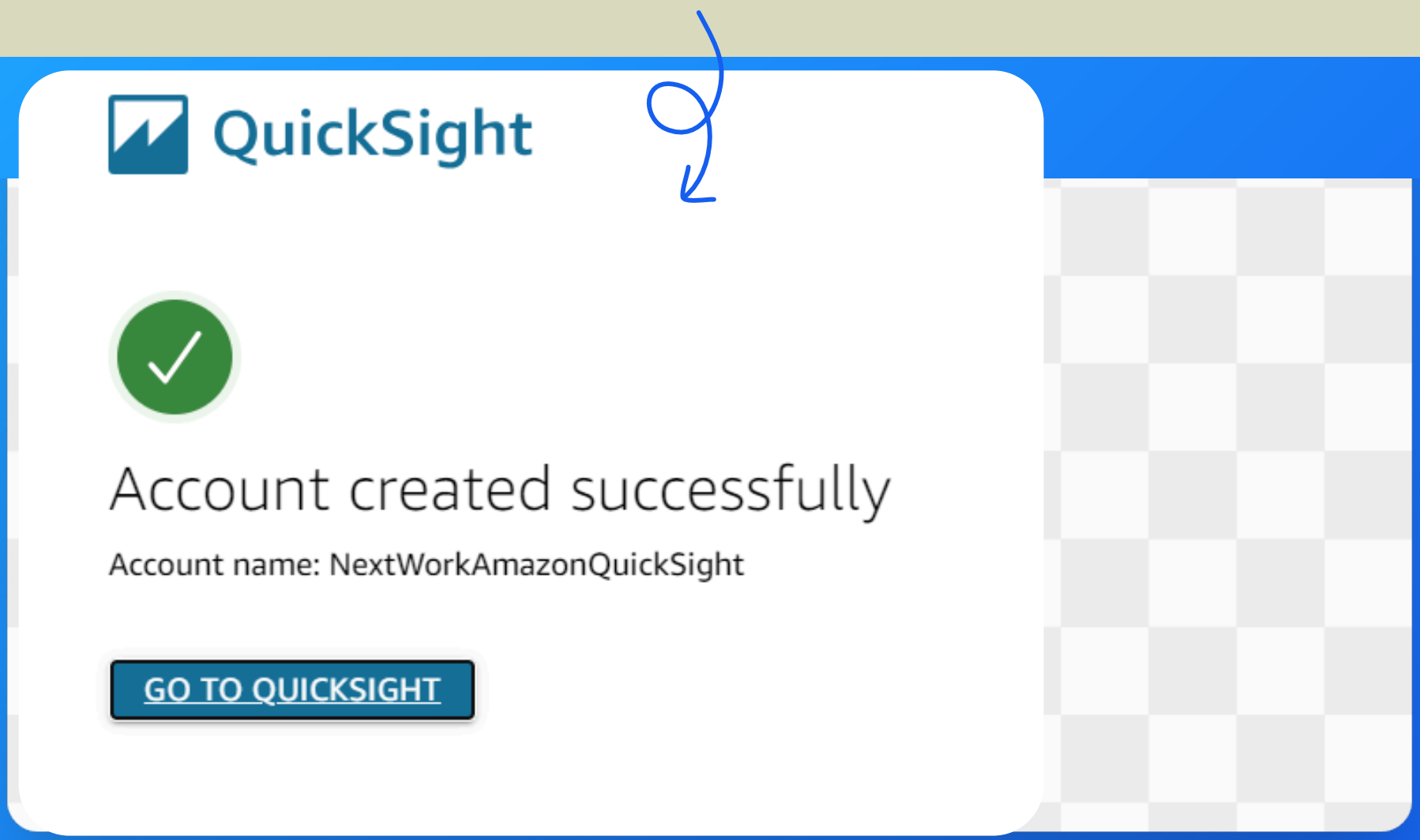
Create QuickSight account

- It costed me around 0$ to complete the Project

- Creating the QuickSight account me took around 2 minutes to complete
- I also had to enable QuickSight's access to S3 because to upload the manifest.json File

Voila! I created my QuickSight account successfully.



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Connect S3 + QuickSight

I connected the S3 bucket to QuickSight by manifest.json file was important in this step because...
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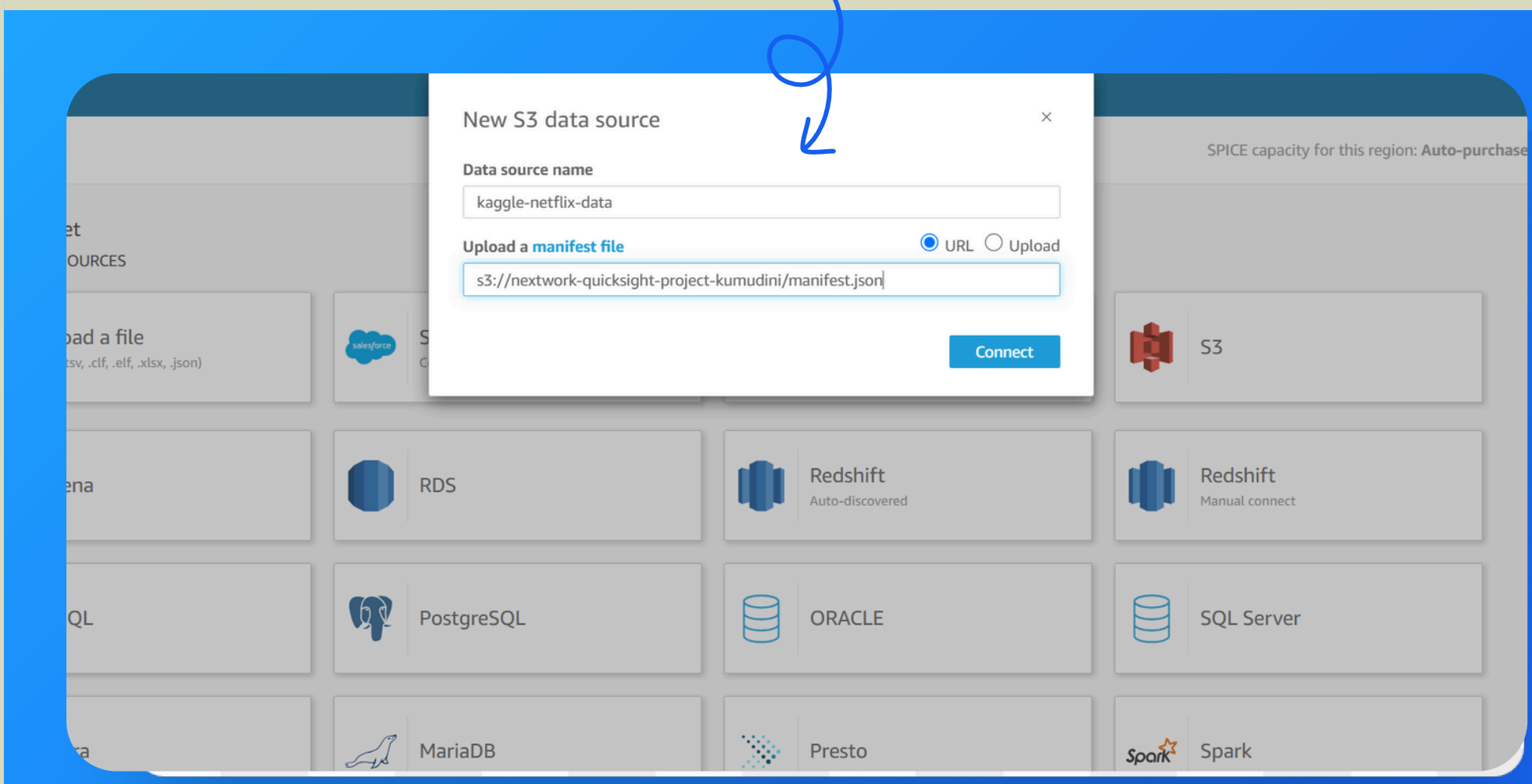
Entering the manifest.json URL.



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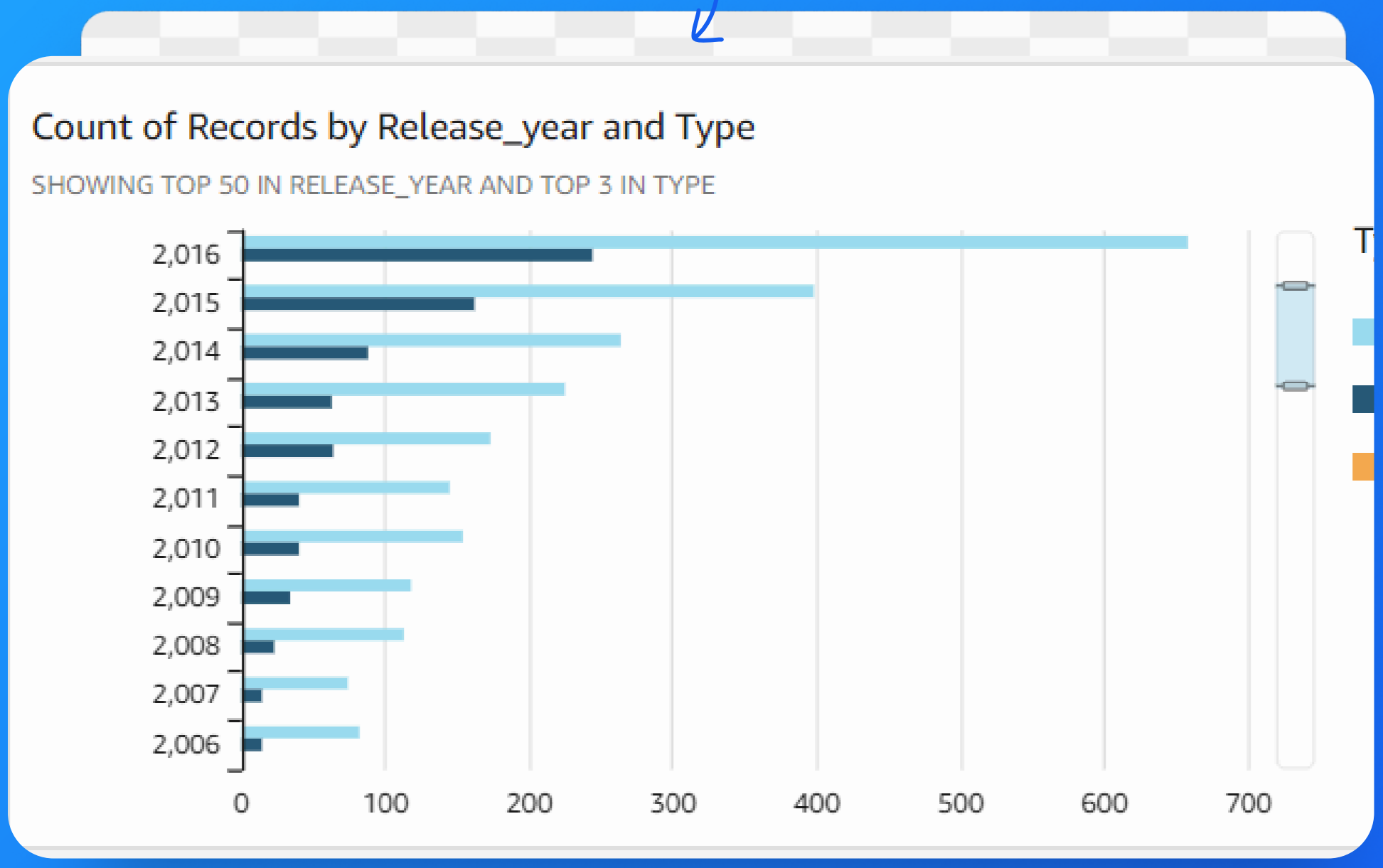
Let’s make visualisations!

To create visualisation onQuickSight, you
will have to select the kind of
visualization you want and choose the data columns you want to
visualize on the Y axis or labels column

The chart/graph shown here is a breakdown of the the of the the releaseyear and type in a in the value field it shows the top 50 release years and Top 3 types of the records in the data,

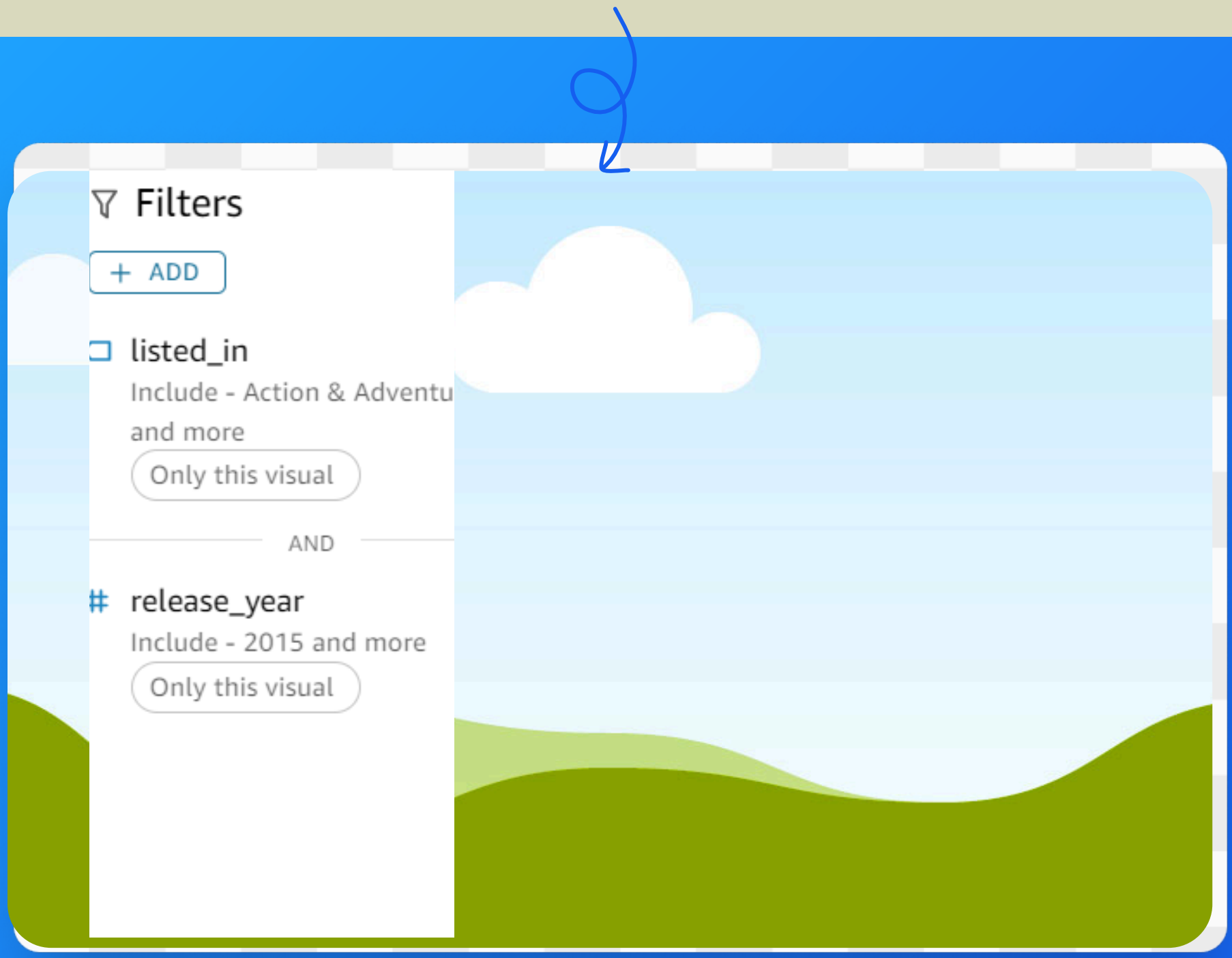
One of my first visualisations.



Using filters

- Filters are useful for to show only a specific group of the dataset leaving out the ones you dont need information about. Here I added a filter by... This helped me create a visualisation on only movies or tv shows that are thrillers or Action and Adventure and Comedy

A visualisation set up after adding filters.



Set up your dashboard!

- As a finishing touch, I conclude that Quick Sights is a great tool to analyze the data and visualize, I am able to create the dashboards and generate the PDF out of it.

Voila! Here's the finished dashboard!