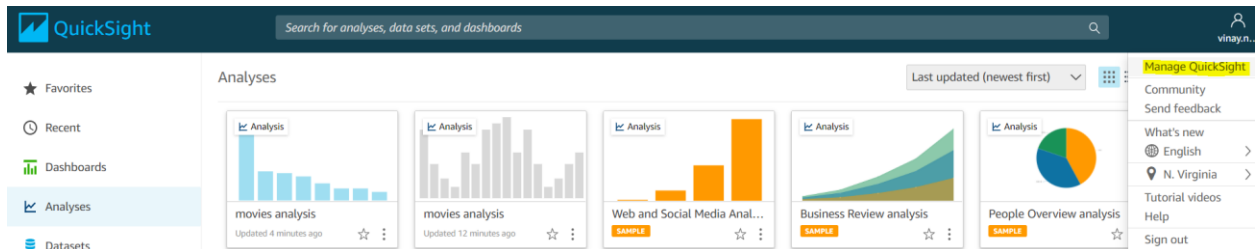**Pre-requisites:**

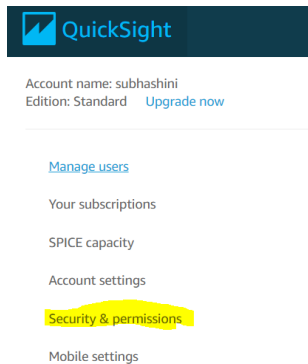**moviestabledata** should be available in **Athena**.

Steps:

1. Go to QuickSight. It will ask you for your email address associated with your AWS Account. Feed in your email id and you will land up in QuickSight.
2. Click on your icon at top right corner and then

3. Click on Manage QuickSight. You need to have admin rights.

4. Click on Security and Permissions.

5. We now need to provide permissions to QuickSight so that it can access Athena. In order to access Athena, QuickSight should also have permissions to access underlying S3 bucket which Athena is using.
6. Click on Add or Remove.
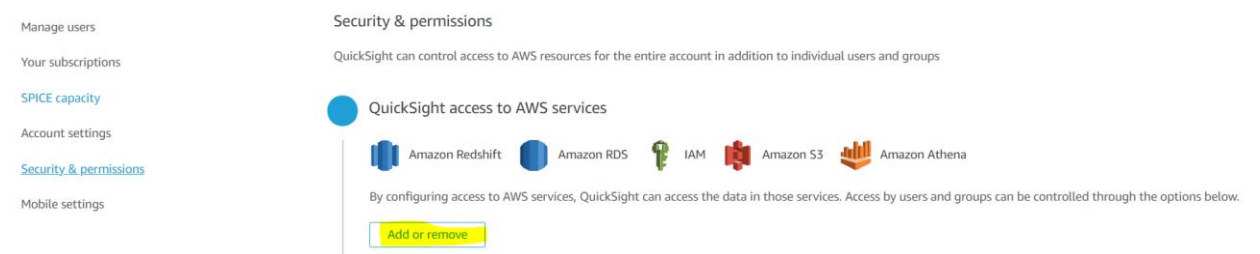
7. Uncheck Athena and check it again. It will now ask you to choose S3 bucket. Select your S3 bucket. In our case it will be **moviestabledata**. Click on Finish.

Select Amazon S3 buckets ✕

S3 Buckets Linked To QuickSight Account	S3 Buckets You Can Access Across AWS

Select the buckets that you want QuickSight to be able to access.

Selected buckets have read only permissions by default. However, you must give write permissions for Athena Workgroup feature.

☑ Select all

S3 Bucket	Write permission for Athena Workgroup
☐ aws-glue-temporary-846453536904-us-east-1	☐
☐ demoemrbucket	☐
☐ elasticbeanstalk-ap-south-1-846453536904	☐
☐ elasticbeanstalk-us-west-1-846453536904	☐
☐ goairticket	☐
☐ jdairticket	☐
☑ vinayinputdataforglue	☐

Cancel   Finish

8. Click on update.

	Enables you to invite IAM users from this AWS Account to access QuickSight	
Amazon S3	Enables QuickSight to auto-discover your Amazon S3 buckets Details	☑
Amazon Athena	Enables QuickSight access to Amazon Athena databases	☑
Amazon S3 Storage Analytics	Enables QuickSight to visualize your S3 Storage Analytics data	☐
AWS IoT Analytics	Enables QuickSight to visualize your IoT Analytics data	☐
Amazon Elasticsearch	Enable QuickSight access to your Amazon Elasticsearch domains	☐
Amazon SageMaker	Enables QuickSight to infer fields from custom ML models	☐
Amazon Timestream	Enable QuickSight access to your Amazon Timestream databases	☐

Cancel   Update

9. Click on QuickSight to go to home page.

QuickSight

QuickSight access to AWS services

QuickSight can connect to the selected AWS products & servic

Amazon Redshift
Enables QuickSight to auto-discover clusters

Amazon RDS
Enables QuickSight to auto-discover instances

10. Click on **New Analysis button** on the right-side top corner.
11. Click on **New Dataset button** on the left-side top corner.
12. Select **Athena**.

13. Enter Data Source Name *movies-database-karthik*. Click on Validate Connection and then Click on Create Dataset.

14. It will load tables from Athena. Choose your table. In our case it will be **moviestabledata**. Click on Select.

15. Select Import to Spice for quicker analytics. Click on **Visualize**.
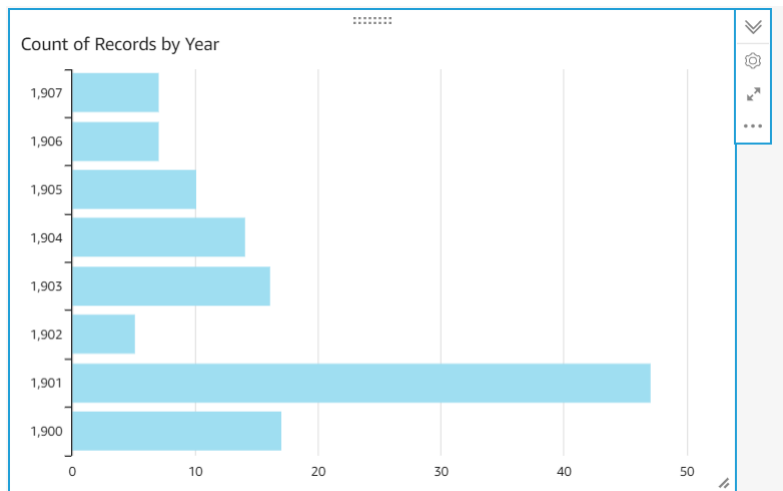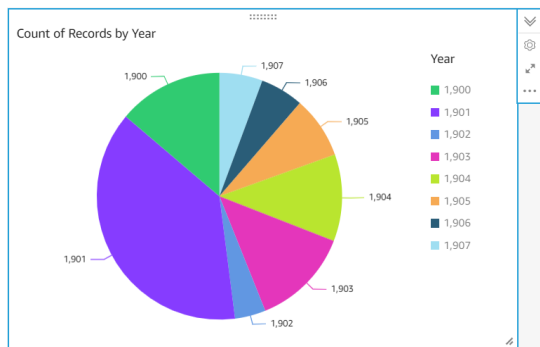
16. It will now take some time to refresh. After refreshing observe messages on the right top (Import Complete…..). Ensure that movies data set is selected. **Click on year.**
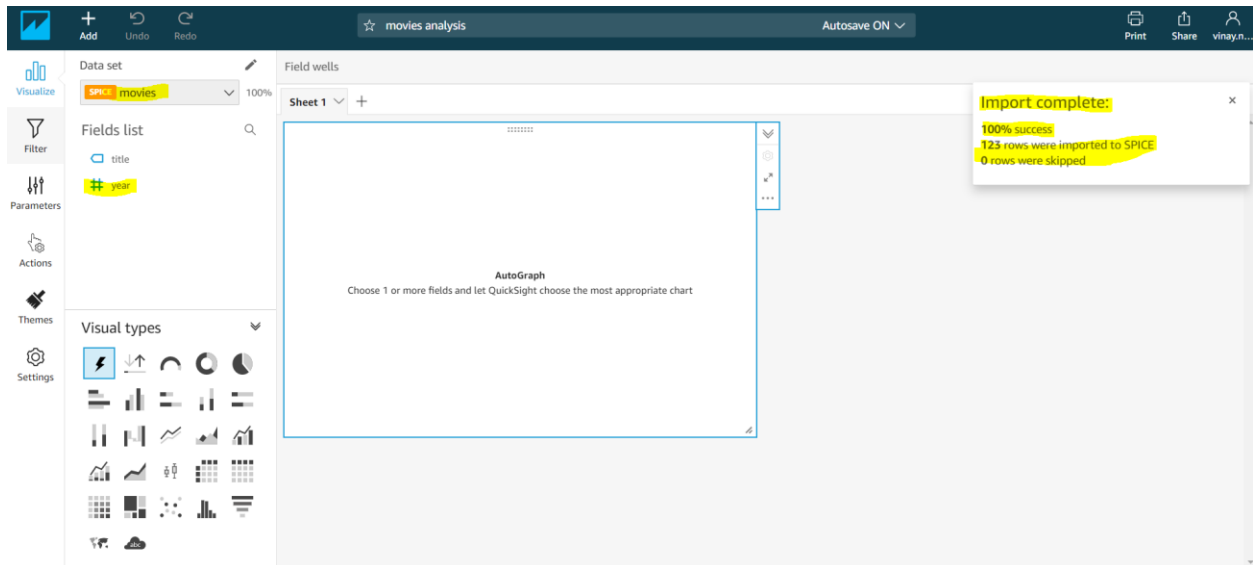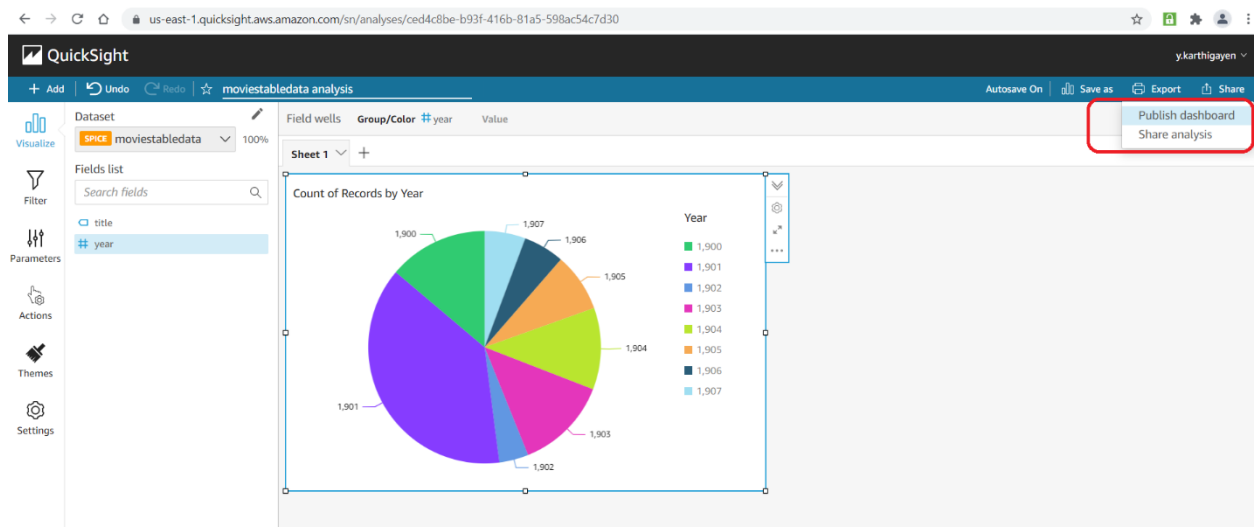

17. After clicking on year, it will visualize count of records by year.

18. Try different Visual types by selecting any option from Visual types. Here is pie chart.

19. You can also publish Dashboard and **share** it with different users. Click on Share and click on **Publish Dashboard**.

20. Specify a name to the Dashboard and publish it .

21. Here is the dashboard.