

**Data to Dashboards** <

Data to Dashboard - Real-time Data Processing and Analysis

Prerequisites

Introduction

Ingesting Real-time Data Streams

▼ Data Processing using Amazon Managed Apache Flink

Overview

Preparation

Run Studio Notebook

▼ Deliver Processed Data using Amazon Data Firehose

Overview

Deliver data

Access and Validate processed data

▼ Visualize Real-time data using Amazon QuickSight

Overview - Two Options

Preparation

Build Dashboard

Conclusion & Next Steps

▼ AWS account access

[Open AWS console \(us-east-1\)](#) [Get AWS CLI credentials](#)

Exit event

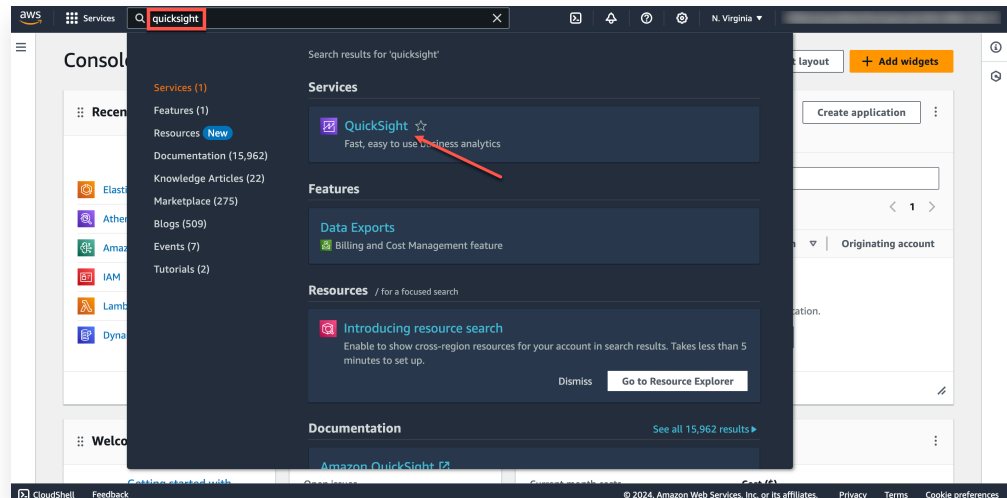
[Event dashboard](#) > [Visualize Real-time data using Amazon QuickSight](#) > Preparation

Preparation

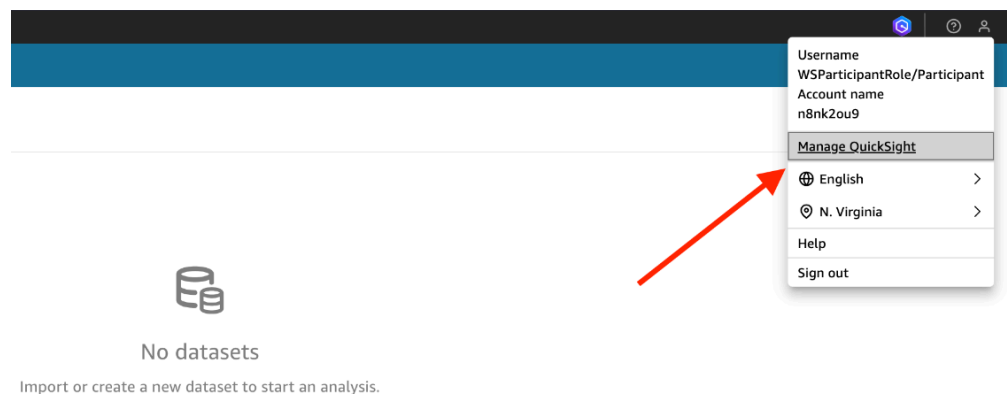
Setup Amazon QuickSight Account

For Both Option 1 and Option 2

1. Navigate to [AWS Console](#) and in the search box type in **Amazon QuickSight**. From the services list choose QuickSight.



2. On the top right hand corner, click on **Manage Quicksight**.



3. Click on **Security Permissions** and **Manage** under IAM role in use :

QuickSight

Account name: n8nk2ou9
Edition: Enterprise

Manage users

Manage groups

Manage assets

Manage pricing

SPICE capacity

Account settings

Security & permissions New

Manage VPC connections

Mobile settings

Domains and Embedding

Account customization

Single sign-on (SSO)

KMS keys


Customize application New

Security & permissions

QuickSight can control access to AWS resources for the entire account in addition to individual users and groups

QuickSight access to AWS services

By configuring access to AWS services, QuickSight can access the data in those services. Access by users and groups can be



Augment Q&A and Data Stories narratives with insights from documents and websites
Get insights from business documents with Amazon Q Business
[GET STARTED](#)

IAM role in use

Quicksight-managed role (default)

There is no AWS resource permission settings

[Manage](#)

Default resource access

① Users and groups have access to all connected resources.

[Change](#)

QuickSight can allow or deny access to all users and groups by default, when an individual access control is not in effect for

Click on **Use an existing role** and select **aws-quicksight-service-role-v1**

QuickSight access to AWS services

Make your existing AWS data and users available in QuickSight. [Learn More](#)

IAM Role

- ☐ Use QuickSight-managed role (default)
- ☒ Use an existing role

arn:aws:iam::264251977826:role/aws-quicksight-service-role-v1

[Create new role](#)

Don't see the role you are looking for? Make sure it's set up to trust QuickSight. [Learn More](#)

Save

Cancel

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