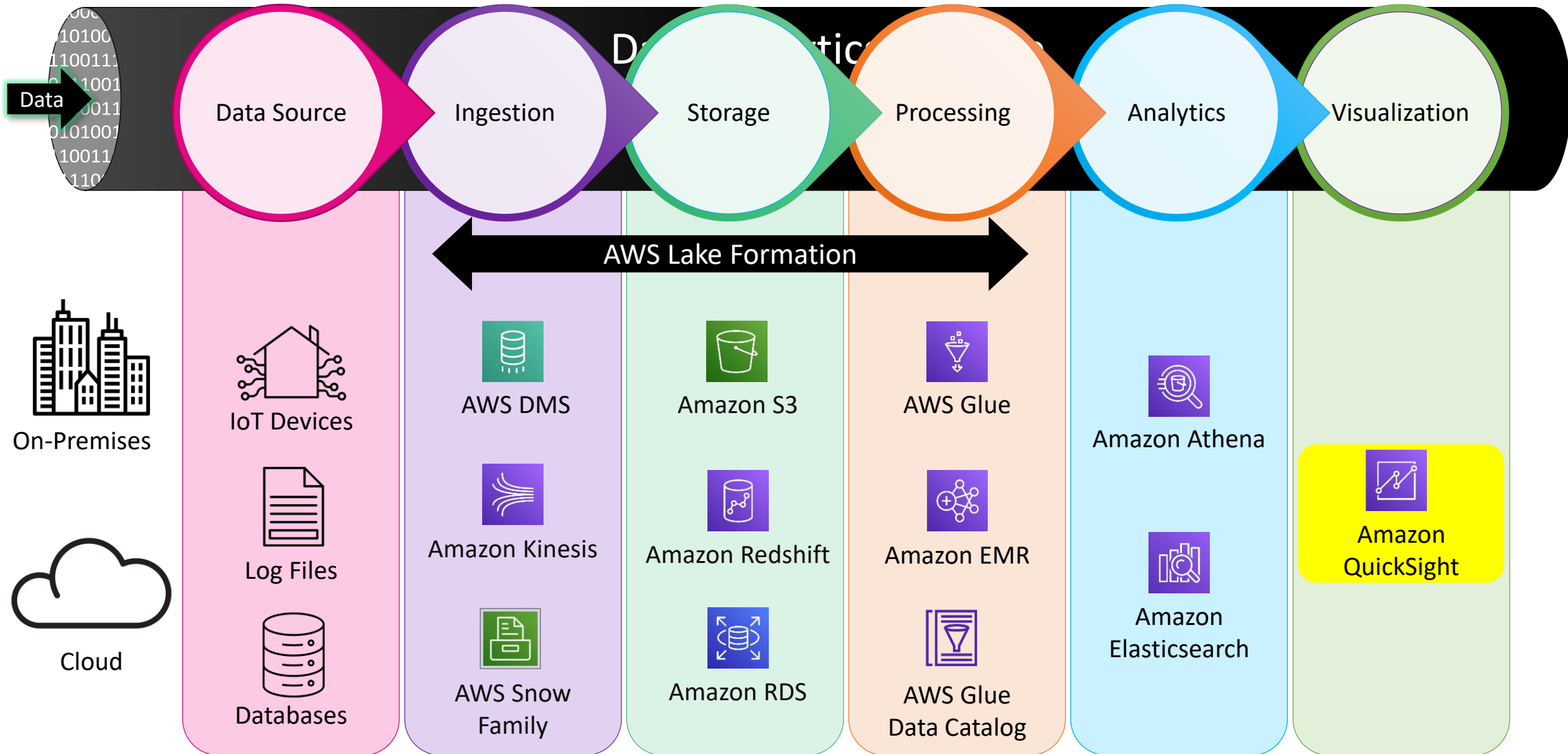


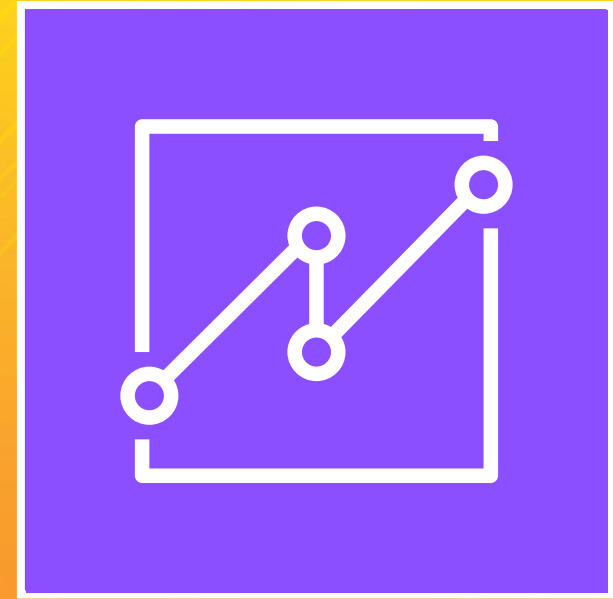


Visualizing Data with Amazon QuickSight



Data Analytics on AWS

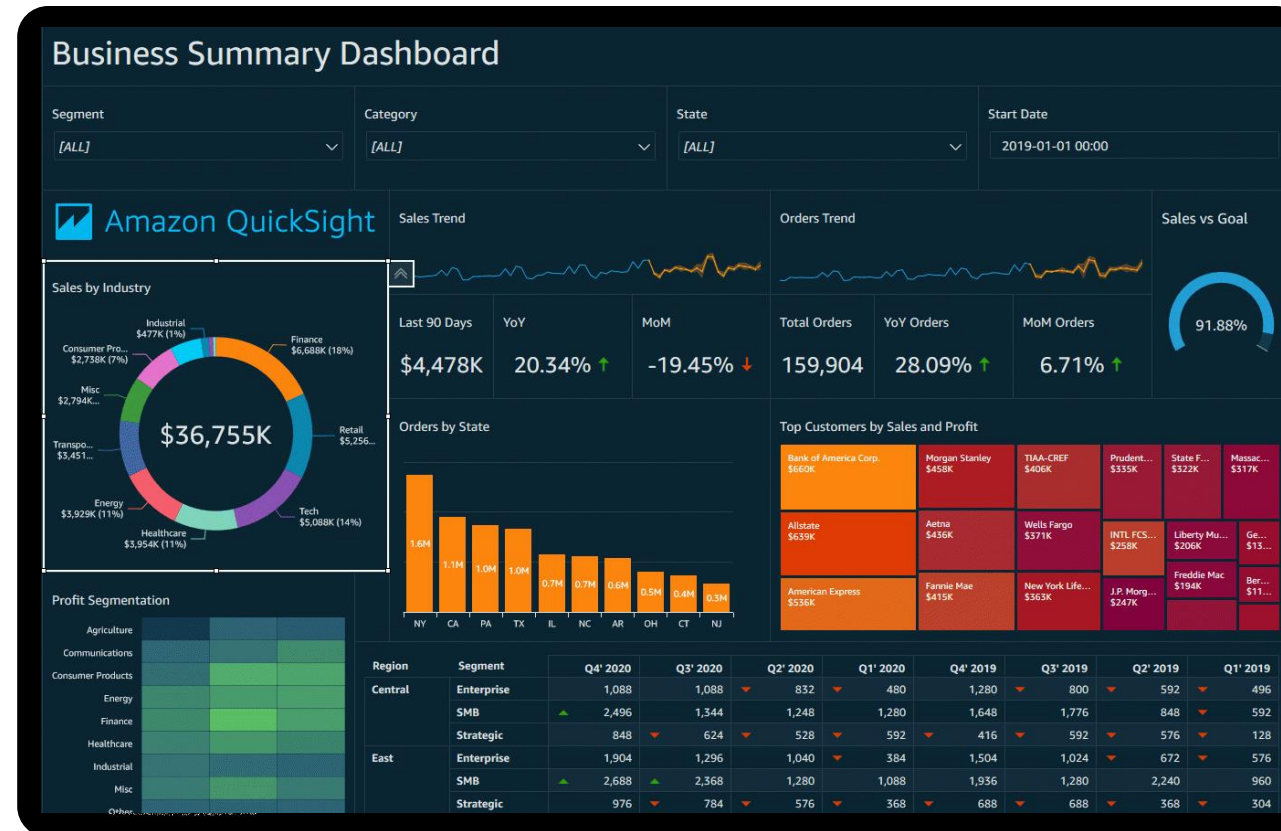




Amazon QuickSight

Amazon QuickSight

- QuickSight gives decision-makers the opportunity to explore and interpret information in an interactive visual environment.
- In a single data dashboard, QuickSight can include AWS data, third-party data, big data, spreadsheet data, SaaS data, B2B data, and more.



Amazon QuickSight



MODERN DASHBOARDS

Enterprise
BI capabilities

More visual options,
interactivity

Governed data access,
and personalization



ML-INSIGHTS AND NLQ

Augmented analytics
with ML and
Natural Language

Faster
insights

Aided by AWS advances
in Machine Learning

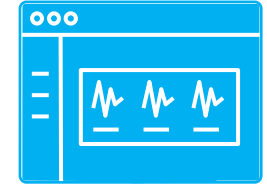


PAGINATED REPORTS

Enterprise Reporting
in the cloud

Paginated
reports

Scheduled reports
via email/S3



EMBEDDED ANALYTICS

Embedded Analytics for
ISVs and Enterprises

APIs,
multi-tenancy

Customization and
performance

Connect to your data, wherever it is

- QuickSight is natively integrated with AWS data sources, as well as on-premises and hosted databases and third party business applications



On-premises

Securely connect to on-premises databases and flat files like Excel and CSV

- Excel
- CSV
- Teradata
- MySQL
- SQL Server
- PostgreSQL
- Oracle
- Exasol



In the cloud

Connect to hosted database, big data formats, and secure VPCs

- Redshift
- RDS
- S3
- Athena
- Aurora
- Teradata
- MySQL
- Presto
- Spark
- SQL Server
- PostgreSQL
- MariaDB
- Snowflake
- Oracle
- IoT Analytics
- Timestream
- Elasticsearch
- Exasol
- Databricks



Applications

Connect directly to third- party business applications

- Salesforce
- Square
- Adobe Analytics
- Jira
- ServiceNow
- Twitter
- Github



Amazon QuickSight components



Amazon QuickSight

Dashboard

Analysis

Dataset

On-Prem

Cloud

Applications

- **Datasets**

- Foundation of what ever you create in QuickSight. A dataset contains the information about the data source you are connecting to, any transformations you have made, as well as data itself. Anything you do in QuickSight starts creating with a dataset.

- **Analysis**

- Content Creation part of the QuickSight. This is where you transform your data in charts, tables and other visualizations.

- **Dashboard**

- Allows you to explore your data visually. This is where you can create filters, drill down in wide variety of analytics filters, that allows you to slice and analyze your data once it is visualized.

Getting started with Amazon QuickSight

Quick start guides

Create an analysis with a single visual

Follow this step-by-step guide guide to create an analysis containing a line chart visual.

[Get started »](#)

Create a multi-visual analysis and dashboard

Follow this step-by-step guide guide to create an analysis containing multiple visuals and a dashboard.

[Get started »](#)

Create an analysis using data from your database

Follow this step-by-step guide guide to create an analysis using the data from your own database.

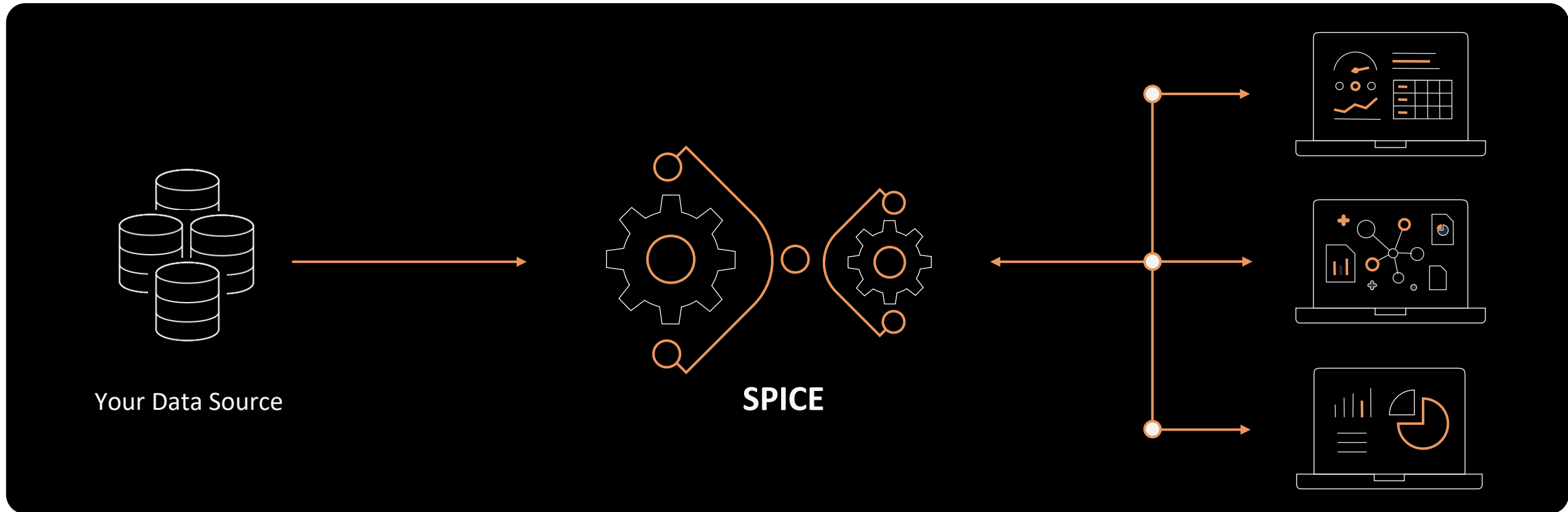
[Get started »](#)

Learn at your own pace with other [step-by-step guides](#).

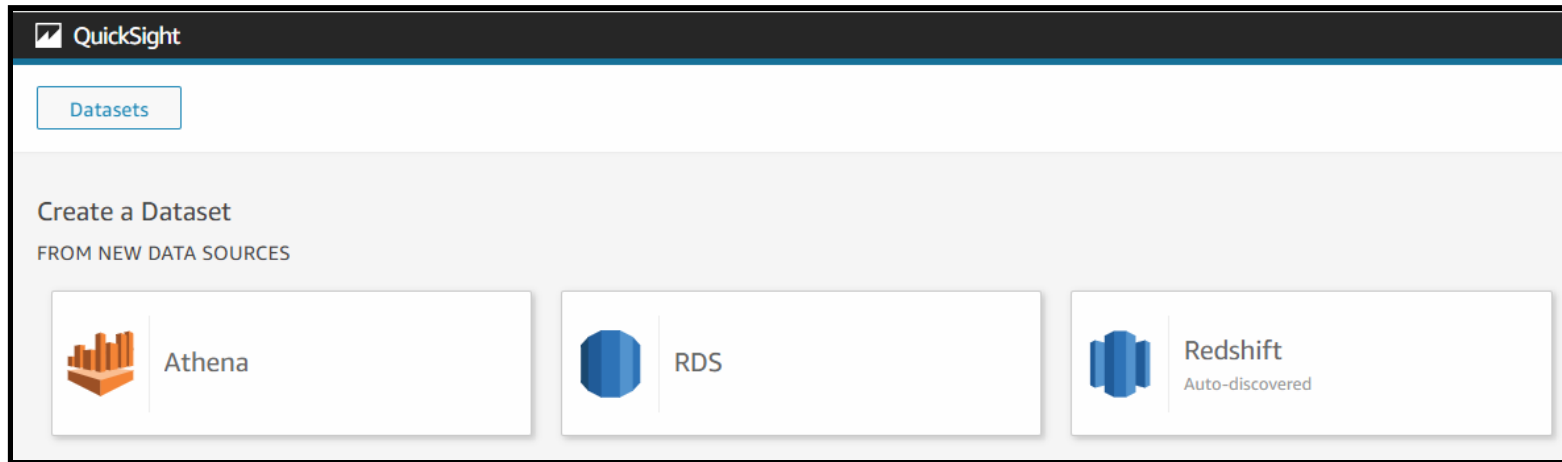


High performance with SPICE (Super-fast Parallel In-memory Calculation Engine)

- QuickSight is powered by SPICE, a super-fast calculation engine that delivers performance and scale, regardless of how many users are active.



Amazon Athena and Amazon QuickSight Integration



- If you need use Amazon QuickSight with Amazon Athena or Amazon Athena Federated Query, you first need to authorize connections to Athena and the associated buckets in Amazon Simple Storage Service (Amazon S3).
- Athena stores query results from QuickSight in a bucket. Therefore, it's important to make sure QuickSight has permissions to access the bucket Athena is currently using.
- If your data file is encrypted with an AWS KMS key, grant permissions to the Amazon QuickSight IAM role to decrypt the key.

