Introduction To Amazon QuickSight

Live Webinar - July 25th, 2018

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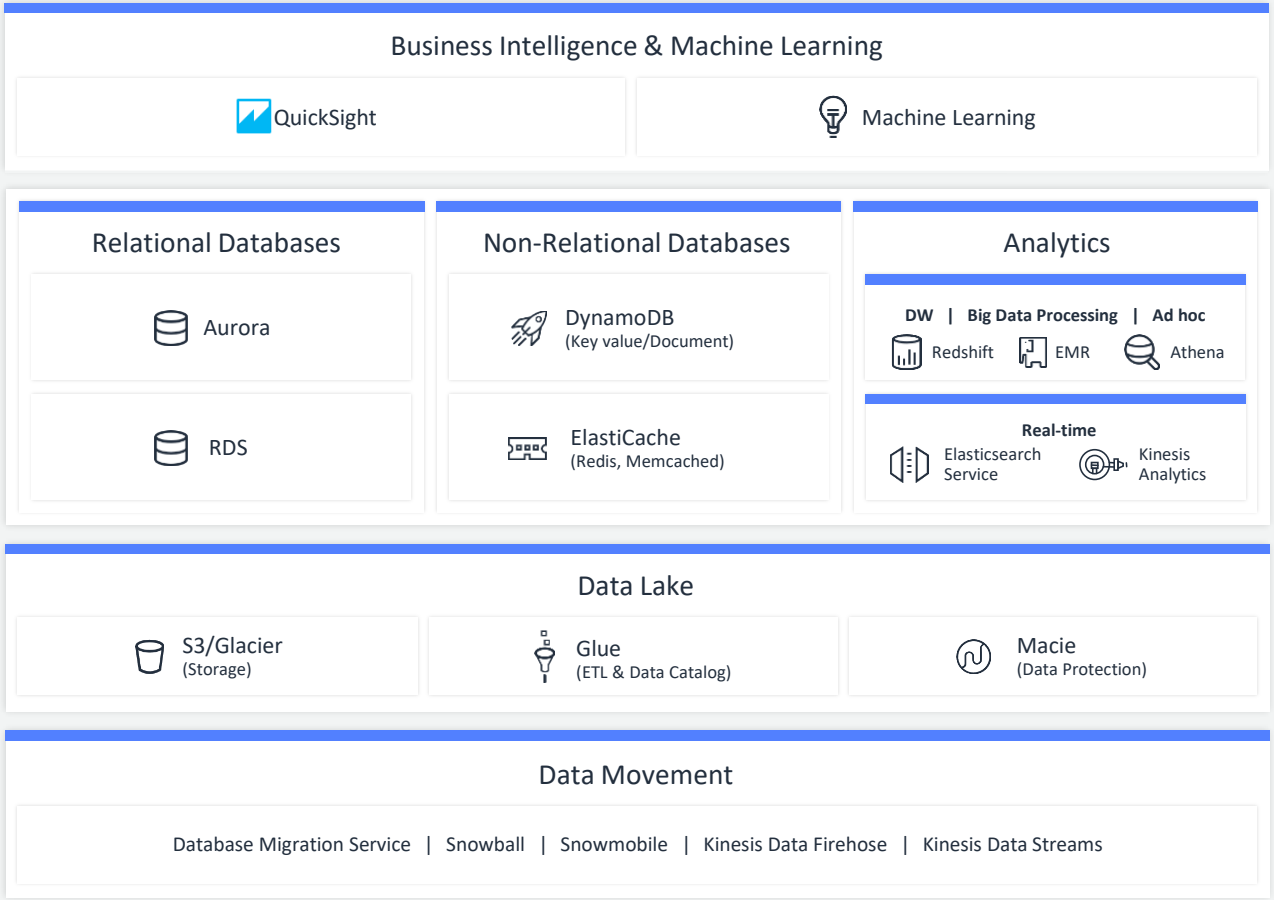
QuickSight
Amazon QuickSight
is a fully managed,
serverless, cloud business
intelligence system

AWS database and analytics stack

Broadest and deepest portfolio purpose-built for builders



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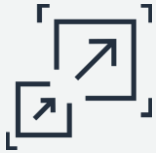
QuickSight overview



Scalable

QuickSight automatically scales with your usage and activity, with no need for additional infrastructure. From 10 users to 10,000 QuickSight seamlessly grows with you

Pay For What You Use

Pay monthly or annually. Now with Pay-per-Session pricing, data consumers only pay when they access their reports and dashboards with no up-front costs!

Serverless, and Fully Managed

QuickSight is a fully managed cloud application, meaning there's no upfront cost, software to deploy, capacity planning, maintenance, upgrades, or migrations

Fully integrated

QuickSight is deeply integrated with your data sources and other AWS services like Redshift, S3, Athena, Aurora, RDS, IAM, CloudTrail, Cloud Directory and more - providing you with everything you need for an end-to-end cloud BI solution

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Connect to your data, wherever it is

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

On-premises

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

- Excel
- CSV
- Teradata
- MySQL
- SQL Server

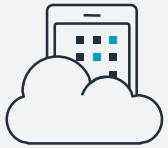
In the cloud

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

- Redshift
- RDS
- S3
- Athena
- Aurora
- Teradata
- MySQL
- Presto
- Spark
- SQL Server
- Postgre SQL
- MariaDB
- Snowflake

Applications

Connect directly to third party business applications



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

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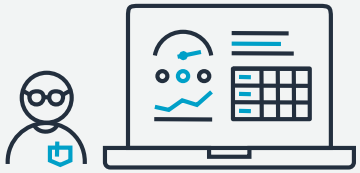
One product for all of your users

QuickSight covers all of your users from casual data consumers, to dashboard creators, to power users and analysts that need self-serve analytics.



Explore

Give power users and analysts the freedom to do their own self-serve data discovery and analysis on governed data you control

Create

Create and publish rich, interactive dashboards to all of your users

Consume

With the new Reader Role, you can provide everyone in your organization with secure, easy access to interactive dashboards and reports, on any device

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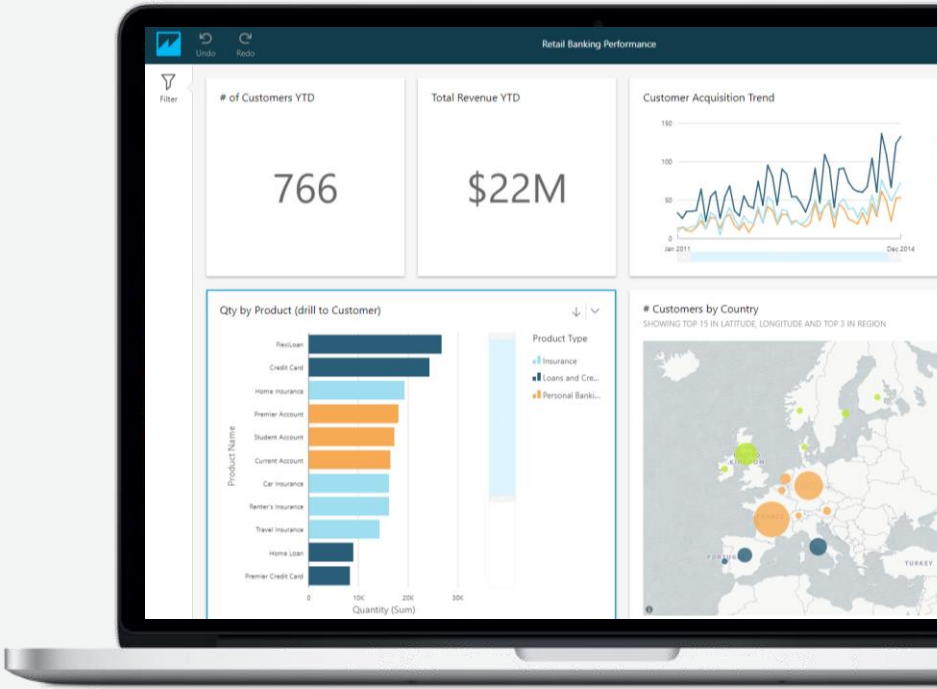
Create and Publish Interactive Dashboards and Reports

QuickSight makes it fast and easy to create rich, interactive dashboards and reports, and securely publish them to everyone.

- Rich interactivity for end users like filters, drill downs, zooming, and more
- Blazing fast navigation with SPICE
- Accessible on any device
- Keep everyone up-to date with data refresh
- Publish to everyone with a click



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Explore, visualize, collaborate

Give power users and analysts fast, easy-to-use self-serve analytics with the Author role.

- Connect to data sources, and create/edit Datasets
- Create visual analyses, filters, drill downs and more
- Invite co-workers to collaborate on your analyses
- Publish dashboards and reports

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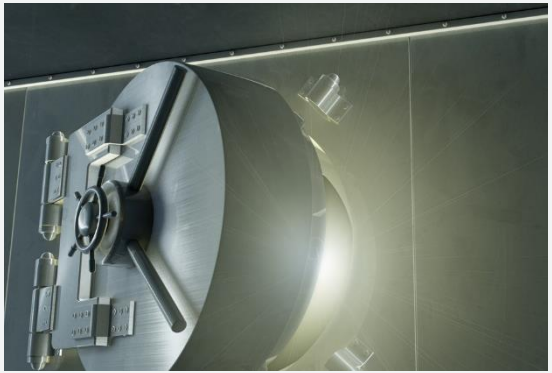
Built Enterprise Ready



Secure and compliant

- End-to-end encryption
- HIPAA
- SOC2
- PCI
- ISO 27001

Global availability

Enable collaboration across global teams, with local SPICE storage for optimized access.

- N. Virginia
- Oregon
- Ohio
- Dublin
- Japan
- Singapore
- Sydney

Built-in redundancy

Native high-availability (Multi-AZ) and fault tolerance with transparent data replication and backups

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Demo

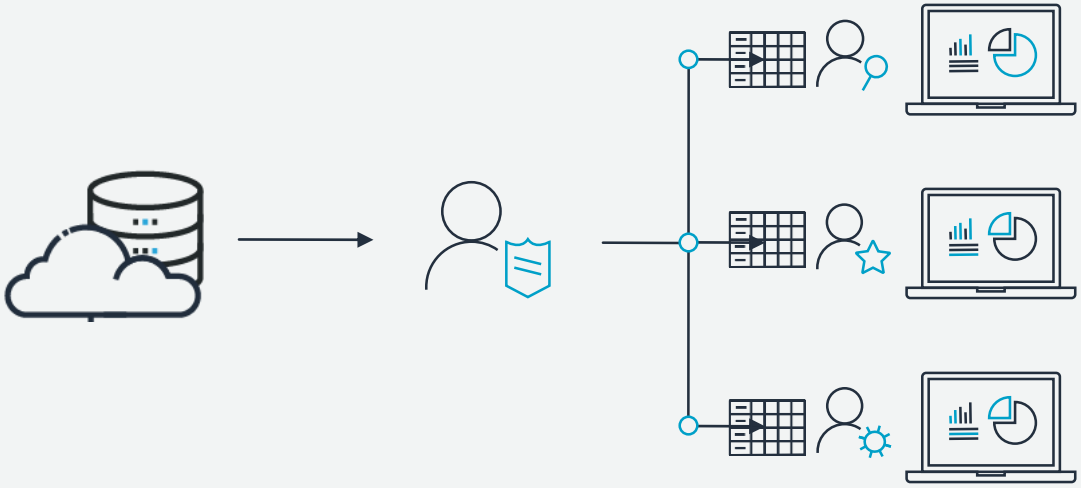
Deploying QuickSight

Data governance

Create managed datasets that give end users the flexibility to perform self-serve analytics on data that you control

Create datasets that:

- Can be shared with any user
- Automatically refresh
- Have row level security
- Users cannot modify
- Dynamically update with changes



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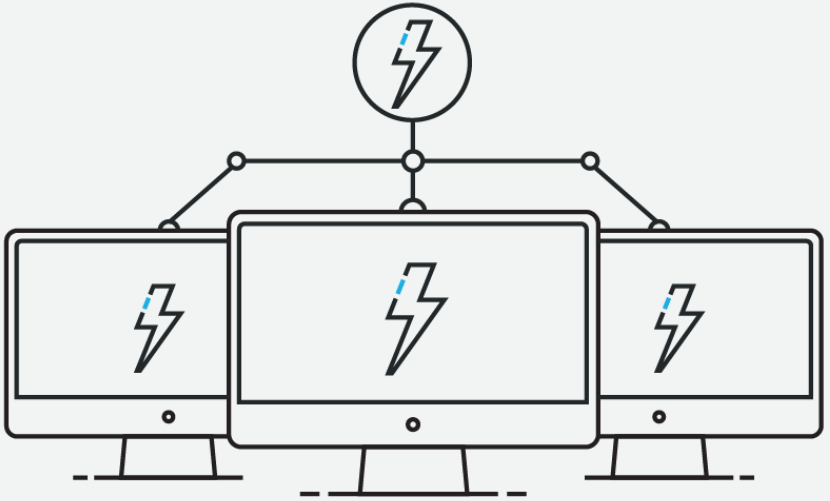
Scalable, secure dashboard publishing

Because of it’s scalability and low cost, QuickSight is optimized to deliver dashboards and reports to users across your organization in a way that’s secure, connected, and up to date



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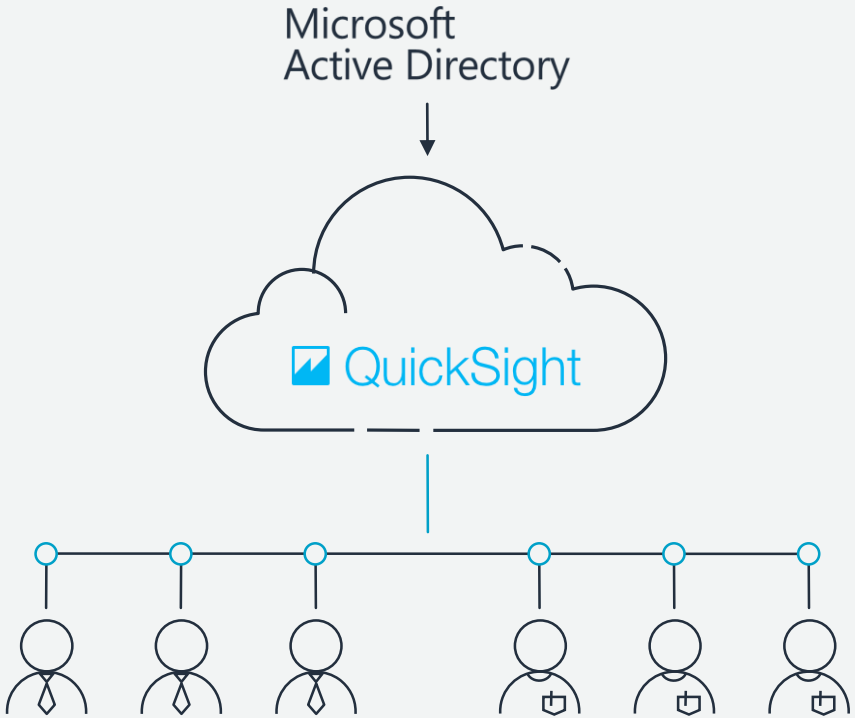
User Management and AD Integration

QuickSight Enterprise Edition can integrate with your Active Directory to dynamically manage users and groups



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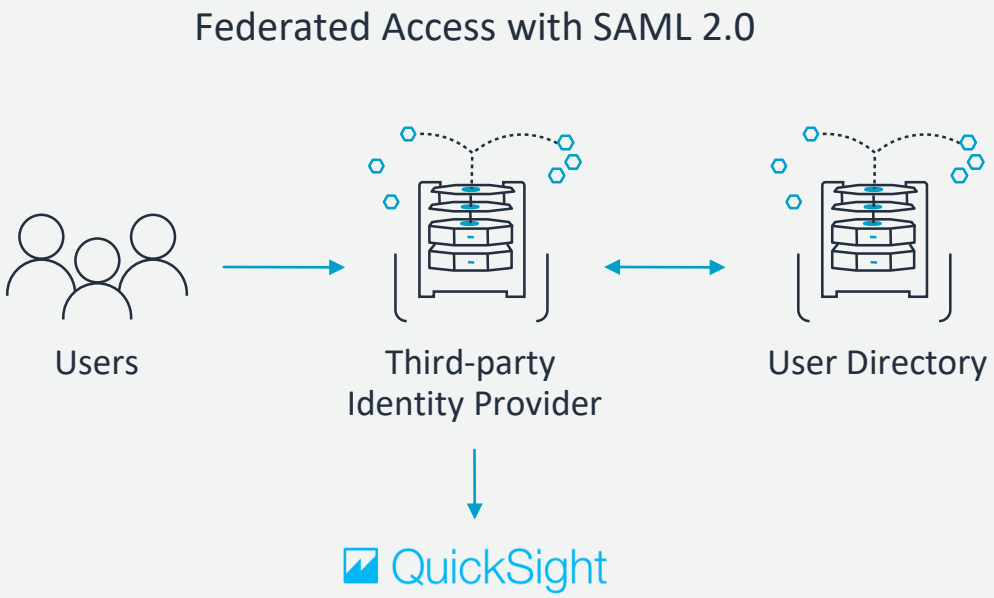
Federated Single Sign-On (SSO)

Allows users to sign in to their Identity Provider portals with existing credentials and then access QuickSight using SAML 2.0



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What's New In QuickSight

AWS Directory Service Microsoft AD

Custom Date Format

Dashboard Save As

Aggregate Calculations

Readers

Groups

Private VPC

25 GB SPICE tables

Spark and Presto Connector

Scheduled Refresh

Just In Time Provisioning

Ohio Region

Search

Totals

Excel Custom Range

Federated SSO

Athena connector

68+

Export to CSV

S3 Analytics

Week Aggregation

Aurora PostgreSQL

Calculations in SPICE

Cross Account S3 Access

new features released since launch

Row Level Security

Hourly refresh

Aggregate Filters

Sydney Region

10K Filter Values

Tokyo Region

Redshift Spectrum Support

KPI Chart

URL Actions

Spark Connector

AWS Directory Service AD Connector

Tabular Reports

Singapore Region

Combo Charts

Audit Logging with CloudTrail

Geospatial Maps

Count Distinct

Parameters

Relative Date Filters

Filter Groups

Other Buckets

Snowflake Connector

SaaS Connectors

Teradata Connector

HIPAA

PCI compliance

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*Projected number of launches to year-end 2017

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Introducing Pay-per-Session pricing for Readers!

Pay-per-Session pricing for Readers starts at $0.30 per session up to a max of $5/user/month for unlimited sessions for data consumers that interact with published dashboards and reports.

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Enterprise Edition

For Deploying insights at scale, across your organization.

Authors

Create and publish interactive dashboards

$18

/user/month

Billed annually

$24/user/mo. paying month to month

Readers

Secure access to dashboards anytime, anywhere

$0.30

/session*

up to a max of

$5

/user/month

*session = 30 mins. From login

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Reader Pricing Scenarios

50 Readers	Usage Frequency	Per User Charge	Monthly Total	Annual Total
10	2x a Day	$5/mo.	$50/mo.	$600/yr.
20	2x a Week	$2.40/mo.	$48/mo.	$576/yr.
20	2x a Month	$0.60/mo.	$12/mo.	$144/yr.
50	**-**	**-**	**$110/mo.**	**$1,320/yr.**

5000 Readers	Usage Frequency	Per User Charge	Monthly Total	Annual Total
500	2x a Day	$5/mo.	$2,500/mo.	$30,000/yr.
1,500	2x a Week	$2.40/mo.	$3,600/mo.	$43,200/yr.
2,000	2x a Month	$0.60/mo.	$1,200/mo.	$14,400/yr.
2000	Inactive	No charge	$0/mo.	$0/yr.
5,000	**-**	**-**	**$7,300/mo.**	**$87,600/yr.**

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Reader Pricing Comparison (Annual Cost)

# Readers	QuickSight (per session)		Tableau (per viewer)	% Savings
	Typical[1]	Max	Fixed cost	Typical[1]
50	**$1,320**	$3,000	$18,000	**93%**
500	**$10,200**	$30,000	$90,000	**89%**
5,000	**$87,600**	$300,000	$900,000	**90%**

[1] **Typical usage assumptions**

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Standard Edition

Ideal for small teams that need to explore and analyze their data

Authors

Connect to data, analyze, and publish interactive dashboards

$9

/user/month

Billed annually

$12/user/mo. paying month to month

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Customers

RioTinto

Customer name:
Rio Tinto

Company description:
Global top 3 mining co.

Data source:
RDS MySQL/SPICE

Use case:
300+ users, expected 5000+

Previous tools:
Spreadsheets and email reports

Auth:
Password-based, Cognito SSO integration in progress

Use case:

- Equip 1000s of mine worker and supervisors with interactive dashboards that provide safety audit information and allow them to make safe workplace decisions.
- Equip corporate analysts and managers with powerful self-service analytics capability on governed datasets.

“Amazon QuickSight allows our analysts to create insightful dashboards quickly for our critical risk management programme. Enabling us to move from static spreadsheets to interactive data. However, rolling out these dashboards at scale to the field was going to be costly and complicated. We asked AWS for a better solution, and they listened. Readers in QuickSight, with usage-based pricing, will help us scale the dashboards to more end-users across the world and only pay for what we use”

Anthony Deakin, Chief Advisor - Critical Risk Management

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QuickSight

As a native cloud service, QuickSight combines the speed, scalability, and security that our customers have come to depend on with the value and cost effectiveness you expect from AWS

Native AWS service

No server licensing or maintenance costs

Pay-as-you-go

Scalable, fast, easy

No deployment time

Try it free Today @

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Thanks!