

# Amazon Q in QuickSight

### A new generative AI assistant for BI

Robert Wang, Ph.D.

Solution Architect AWS Higher Education wangrob@amazon.com

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Unified BI for all your analytics needs



Consistent high performance with auto scaling

# Amazon QuickSight

UNIFIED BI SERVICE AT HYPERSCALE



Augmented analytics with generative AI capabilities



Lower costs by paying for what you need

### **Over 100,000 customers use QuickSight**



### agencies distribute funds to homeowners in need

**ProLink Solutions** 

#### Use Case & Challenge

- ProLink+ is a turnkey solution for state agencies looking to distribute their HAF dollars fast.
- Due to the emergency nature of the funding program, state agencies are continually in the public eye, and therefore access to real-time reporting is a must.

#### Solution & Why QuickSight?

 ProLink+ SaaS is built using multiple AWS resources

Software solutions for emergency fund deployment to help state and local housing finance

- State agencies use QuickSight's embedded dashboard capabilities in ProLink+ for internal analytical purposes, as well as for real-time reporting to the public
- QuickSight inherent integrations with AWS resources and cost efficiency made it a logical choice
- Business analysts able to build rich dashboards without code

State agencies across the board are looking for visual reporting tools to tell their stories more effectively. I'm glad QuickSight was readily available to us and we were able to quickly develop a dashboard in our ProLink+ deployment.

Shawn McKenna CEO ProLink Solutions



### California State University Chancellor's Office (CSUCO)

Providing students with opportunities to develop intellectually and personally, and to contribute back to the communities throughout California

**CSU** The California State University

#### Use Case & Challenge

- Needed a highly secure tool to streamline the process of pulling HR data
- CSU had been using a legacy central data warehouse based on data from their financial system, but it lacked the robustness to keep up with modern technology

#### Solution & Why QuickSight?

- With QuickSight, the CSUCO is able to run a decentralized security process where campus security teams can provision access directly and users can get to their data faster
- Ability to match security measures with the benefits of low maintenance and familiarity to their end-users
- Estimated 35%–40% savings compared to competing tool
  - Pay for what you use
  - Infrequent users do not continue to incur charges

It's easy to use, very straightforward, and relatively intuitive. When you couple the experience of using QuickSight, with a huge cost difference to [the BI platform we had been using], to me, it's a simple choice.

Andy Sydnor Sr Director Business Intelligence and Data Operations at the CSUCO

### **Business benefits of QuickSight**



# **157-300%** INCREASE IN BI USAGE

**275%** ROI (MODELED)

Source: Economic Validation- The Economic Benefits of Amazon QuickSight, March 2024, Enterprise Strategy Group by TechTarget quicksight.aws

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### Create beautiful, interactive dashboards

- Add rich interactivity like filters, drill downs, zooming, and more
- Blazing-fast navigation
- Accessible on any device
- Data refresh

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 Publish to everyone with a click



# Paginated reporting in the cloud

CONSOLIDATE DASHBOARD AND REPORTING USE CASES COST EFFECTIVELY

#### Highly formatted, printable reports

- Multipage PDF reports with rich visuals and images
- Scheduled delivery for PDFs and CSV exports

#### **Unified authoring and consumption**

- Same governed data sets between dashboards and reports
- No new learning with familiar interface

#### Serverless, auto scales to meet demand

- No infrastructure or software management
- Pay-for-usage with consumption-based pricing



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### QuickSight powers 1,000s of apps

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### What prevents data-driven decisions?



Time spent by <u>analysts</u> on data reshaping and basic analysis

# Data skills and staff shortage

**#1** impediment to data and analytics success



Percentage of <u>business users</u> who don't feel confident in their data skills

GARTNER 2023, TSIA 2018, DATA LITERACY PROJECT 2020

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## Amazon Q in QuickSight

ACCELERATE THE PATH TO DATA-DRIVEN DECISIONS WITH GEN BI: ASK. BUILD. SHARE.

#### AI-powered dashboard authoring experience enables business analysts to build faster

#### AI-assisted data storytelling

enables business analysts and users to discover and share findings

# Al answers to questions of data on demand simplifies extracting insights for business users

#### **Extend custom apps with AI**

enables developers to quickly add advanced capabilities

Powered by Amazon Bedrock

NEW



### Al-powered dashboard authoring experience

#### A NEW DASHBOARD BUILDING EXPERIENCE POWERED BY GENERATIVE BI

#### **Build visuals**

Use natural language to quickly build visuals for dashboards and reports

#### **Build calculations**

Easily create calculations using natural language without looking up or learning specific syntax

#### **Refine visuals**

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Quickly update visuals by describing desired formats using natural language



### **AI-assisted storytelling**

IMPACTFUL DATA STORYTELLING TO DRIVE ACTIONS

Interpret data for others Help others derive meaning from data and reach conclusions to drive decisions

**Generate stories using AI** 

Generate cohesive, powerful, and insightful narratives by analyzing data with only a few words

#### **Create refined content**

aws

Control AI verbosity, customize narrative text, and apply stunning visual themes to bring content to life

**Governed and always up to date** Quickly and easily share and update data any time



### Al answers to questions of data on demand

#### DEEP INSIGHTS AT YOUR FINGERTIPS

**Executive summaries of dashboards** Instant summaries of key dashboard insights in natural language explaining top movers, outliers, and more

Easy, powerful Q&A for nonexperts Suggested questions and What's in my data show what can be asked

Multi-visual answers with narrative insight summaries explain answer context

Vague question support and Did you mean alternatives enable iterative factfinding





### **Extend Custom Apps with Al**

QUICKLY ADD GENERATIVE BI CAPABILITIES TO WEB APPS

#### **Easy to Integrate**

Add generative multi-visual Q & A to existing web apps with a few lines of code, no AI expertise required

#### Works with any Data

Refine language understanding to optimize specific use cases and data contexts, provide suggested questions to get users started

#### **Seamless Experience**

Customize size, placement, theme, and interaction to fit your brand





# Demo: Amazon Q in QuickSight



# **QuickSight User Role Subscriptions**

Role	Description	Monthly Price			
Reader	Readers can explore interactive dashboards, answer questions of data with natural language Q & A, receive email reports, and download data.	\$3	OR	Capacity Based	
Reader Pro	Reader <b>Pro</b> adds <b>Generative BI capabilities</b> for Readers to build Stories explaining data, get executive summaries of dashboards with natural language, and access to Amazon Q Business*.		\$20		
Author	Author extends from Reader with capabilities to connect to data, create dashboards and reports, and share content with users in the account. Admin users needed to manage QuickSight accounts use Author subscriptions.		\$24		
Author Pro	Author <b>Pro</b> has <b>full access to all capabilities</b> , extending Author with <b>Generative BI capabilities</b> of Reader Pro and adding natural language dashboard authoring and Q & A Topic creation. Admin Pro users use Author Pro subscriptions.		\$50		

A **\$250/mo. per-account Q enablement fee** applies for accounts with at least one **Pro** user or with at least one Q Topic

\*Requires AWS IAM Identity Center (IDC) user provisioning

# Try QuickSight free for 30 days

Full access to all capabilities Up to 4 users of any type\*

\* One user must be an Admin or Admin Pro for account management

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### Learn more about Amazon Q in QuickSight



http://generativebi.com



## Sign up for the QuickSight Community

Ask questions Learn together Get QuickSight product updates!



### **Please Provide Your Feedback**



Step 1: Data and Analytics Track Step 2: Generative BI in Amazon QuickSight

### Learning Day Content

### https://sanfrancisco2024.awslearningday.com/



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# Thank you!

Robert Wang, Ph.D. Solutions Architect AWS Higher Education wangrob@amazon.com