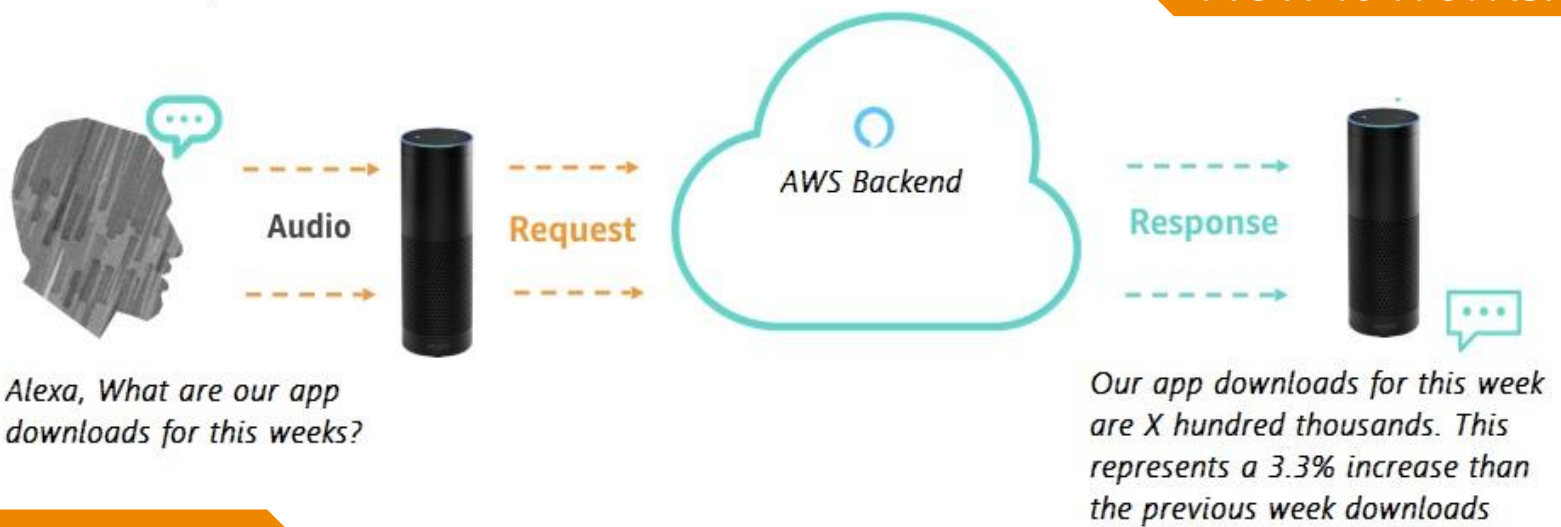# Combatting Dashboard Fatigue
Get your KPIs with **Voice-Powered Queries** using **AWS**

Motivation

Dashboards can contain a lot of information which might not pertain to the current situation. Users must sift through a lot of information to retrieve their required KPI(s) which might not be in a single dashboard. Time and brain power is wasted. Enter Voice-Powered Queries via AWS! Now, get your KPIs on the go with a single voice command.

How it works:

Audio → Request → AWS Backend → Response

Alexa, What are our app downloads for this weeks?

Our app downloads for this week are X hundred thousands. This represents a 3.3% increase than the previous week downloads
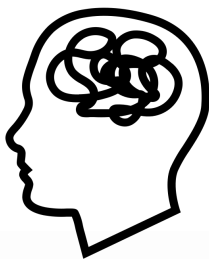
Benefits

Dashboards

Information **overload**

Steep learning curve

Using Alexa

Flexibility in accessing **relevant** KPIs

Simply **Ask Alexa**

Alexa

Athena query data in S3

S3 stores data

KPI result sent

Audio command trigger sent

Lambda retrieves data from DynamoDB

DynamoDB stores latest query results

Lambda triggers Athena result from Athena via SQL query

CW Events is scheduled to run commands on X intervals
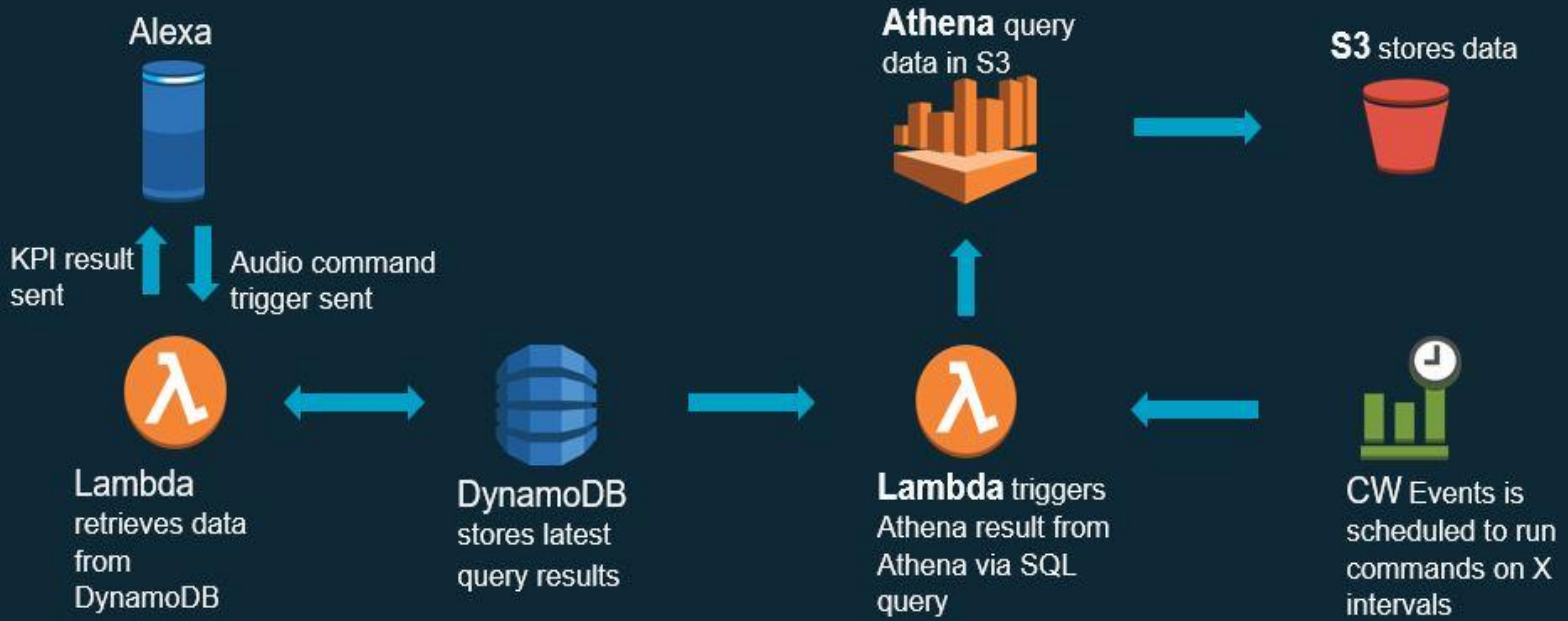
Business Applications

Organization-centric

Sales & Marketing
- What is our YTD sales volume for product X?
- What was our revenue growth in 2019?

Operational Excellence
- How many units have we completed so far today?
- What is the current average customer wait time?

Customer-facing

Public Spaces
- What are the coffee shop hours?
- Where is the non-fiction section?

Private Business
- What time of day do most people use this facility?
- What is the highest rated dish on the menu?

TEAM 3

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