Contents

[AWS Big Data Specialty 2](#_Toc12863927)

[Introduction 2](#_Toc12863928)

AWS Big Data Specialty

[**LINK**](https://www.aws.training/learningobject/curriculum?id=21332)

###### Description

The AWS Certified Big Data - Specialty exam validates technical skills and experience in designing and implementing AWS services to derive value from data. This course is intended for Individuals with a Cloud Practitioner or Associate-level AWS certification and two or more years of experience performing complex big data analysis. The course helps you prepare for the exam by taking a deep dive into several data-driven use cases.

###### Intended Audience

This course is intended for:

* Data architects
* Developers
* Solutions architects

###### Course Objectives

In this course, you will learn how to:

* Navigate the AWS Certification process
* Understand the content domains that will be tested in the AWS Certified Big Data - Specialty exam
* Implement core AWS Big Data services according to architectural best practices
* Leverage tools to automate data analysis on AWS

###### Recommended AWS and General IT Knowledge and Experience

We recommend that attendees of this course have the following knowledge and experience:

* AWS Certified Cloud Practitioner or an Associate-level AWS Certification
* Two or more years of hands-on experience performing complex big data analyses on AWS

###### Delivery Method

This course is delivered through:

* Digital training

###### Duration

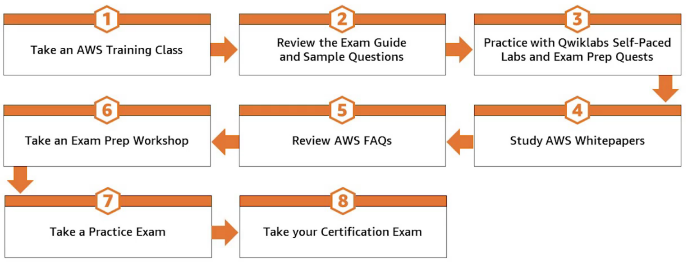
* 2.5 hours

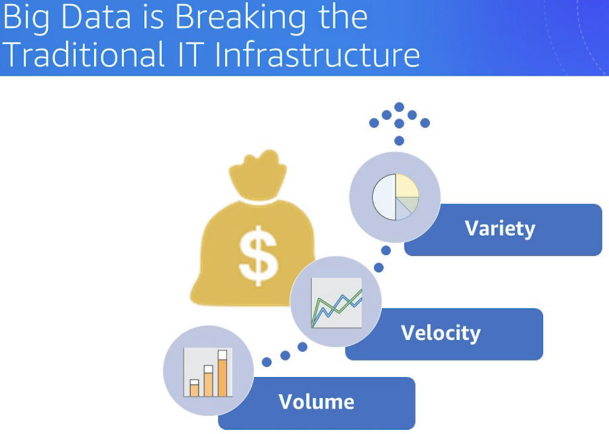
###### Course Outline

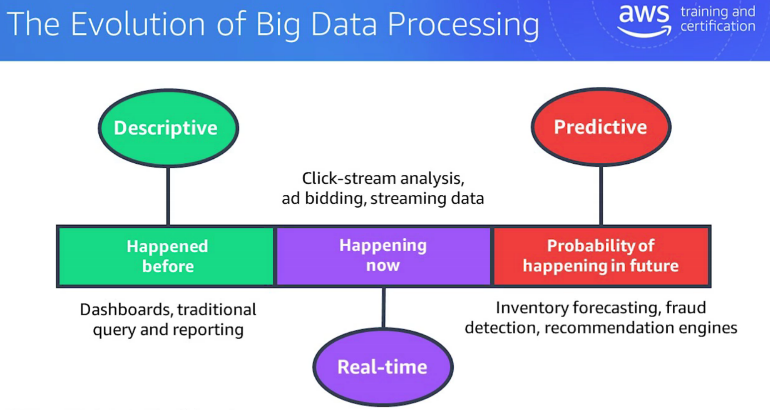
This course covers the following concepts:

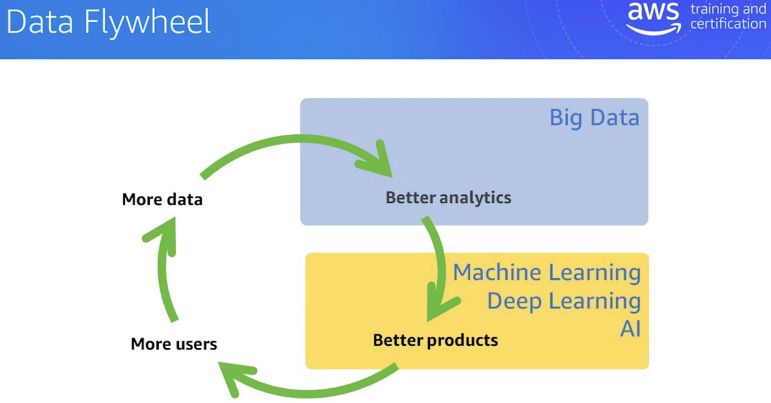
* Testing center information and expectations
* Exam overview and structure
* Content domains and question breakdown
* Topics and concepts with content domains
* Question structure and interpretation techniques
* Practice exam questions

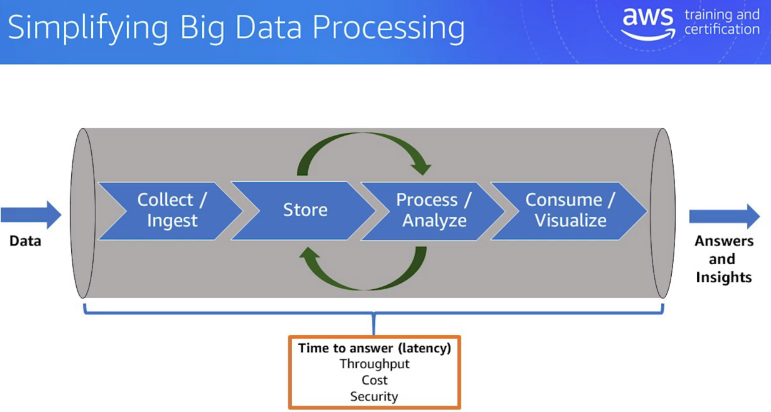
# Introduction



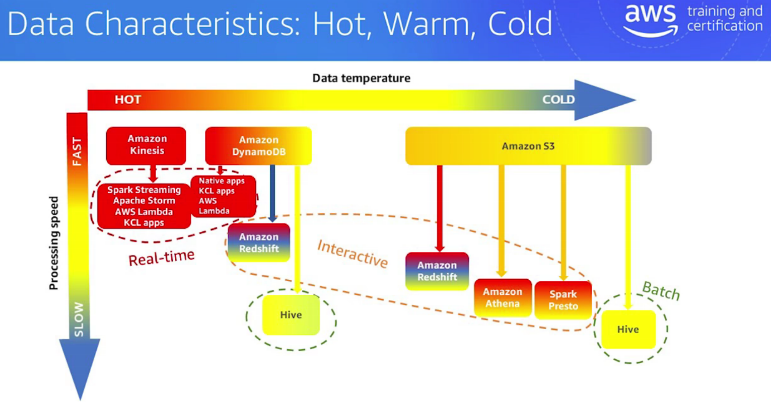


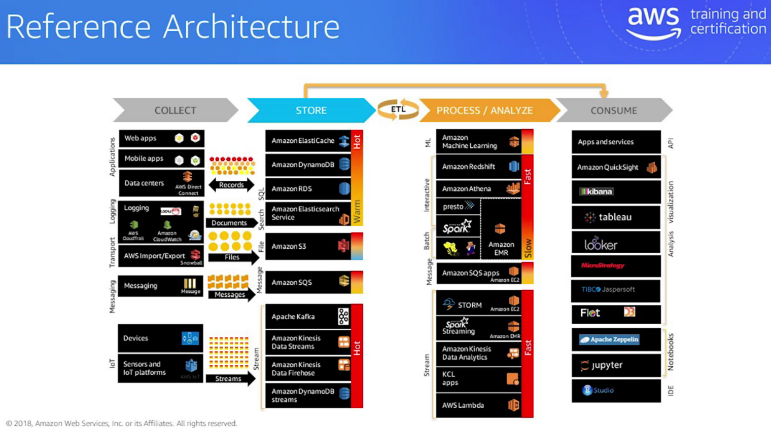




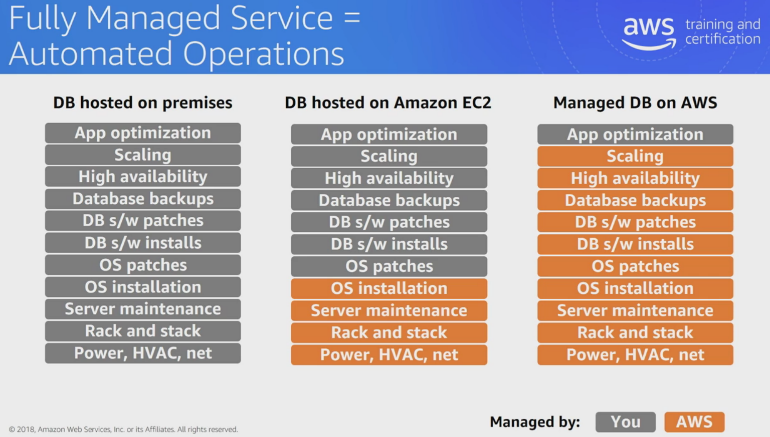






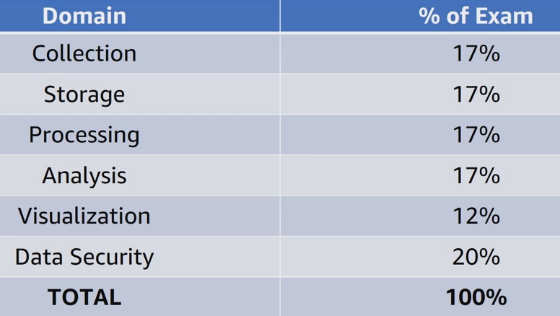


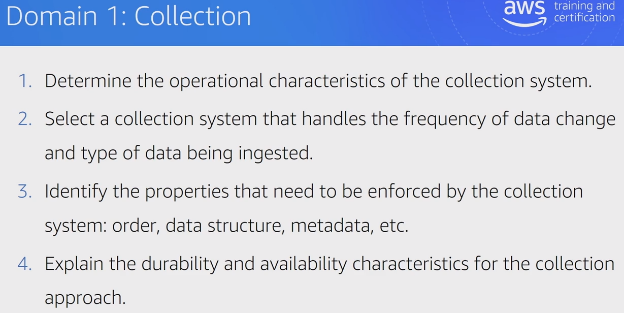


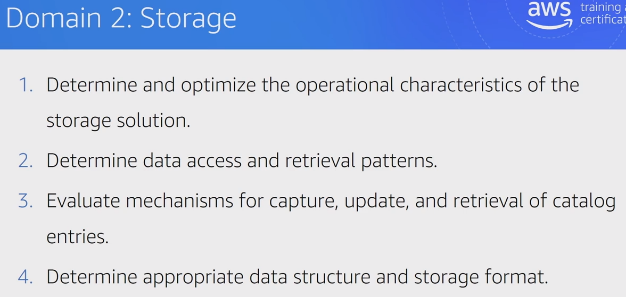


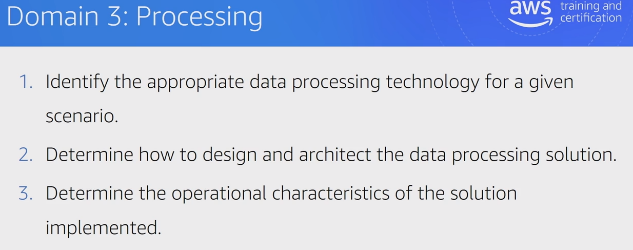


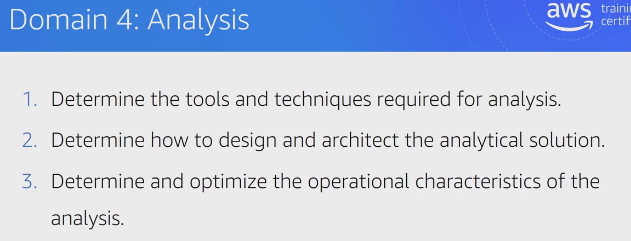
# Preparing for the Big Data Exam

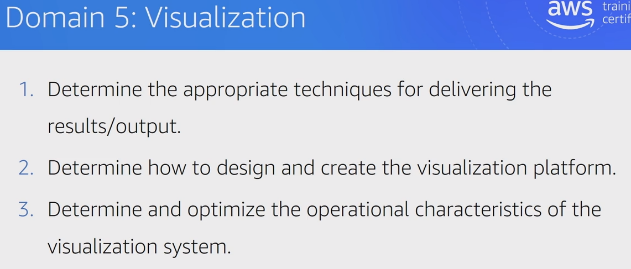






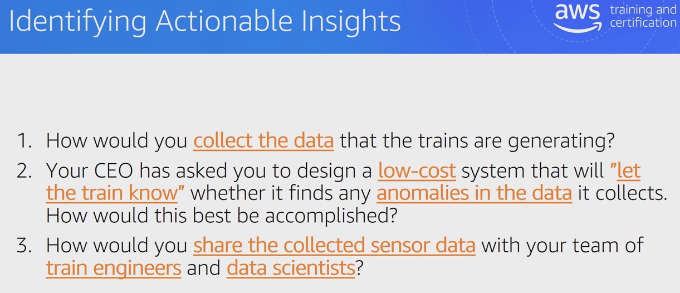


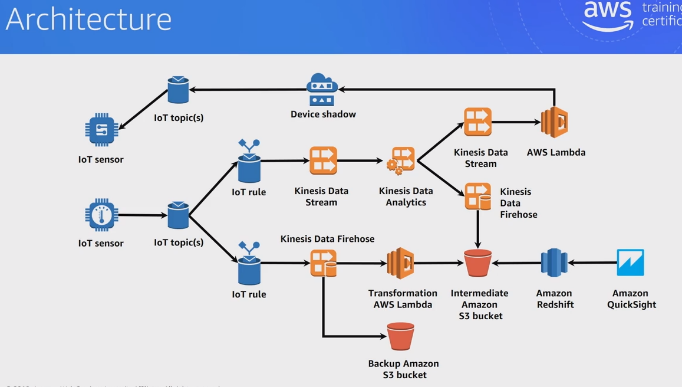




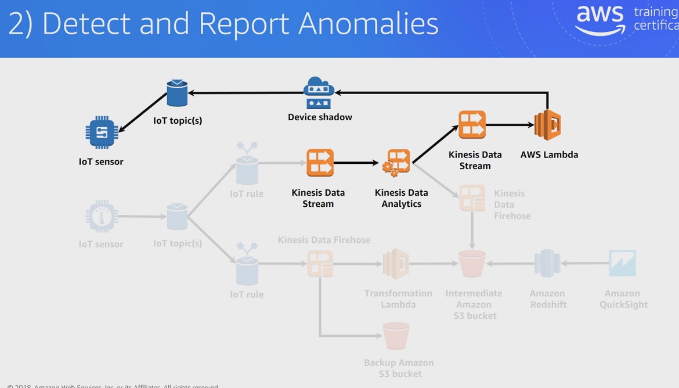


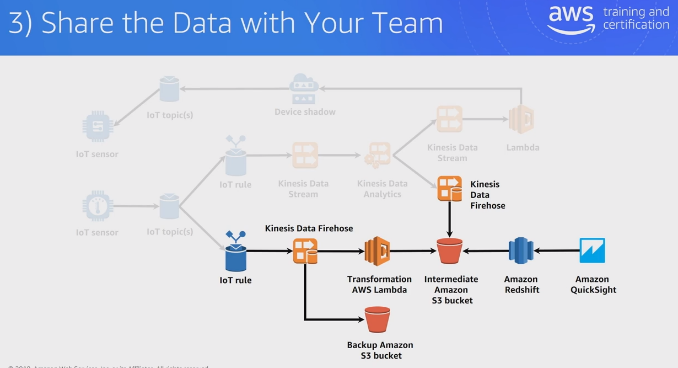
# Improving Train Safety with AWS IoT



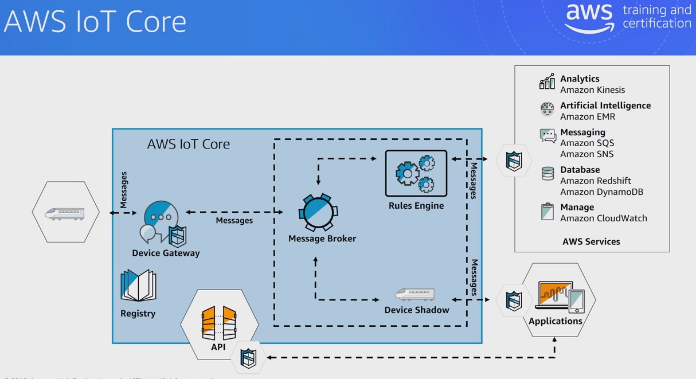


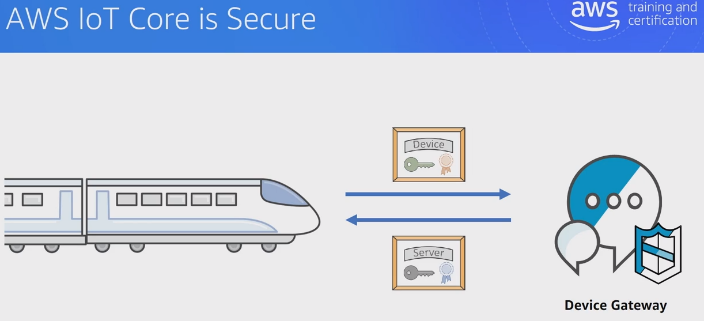




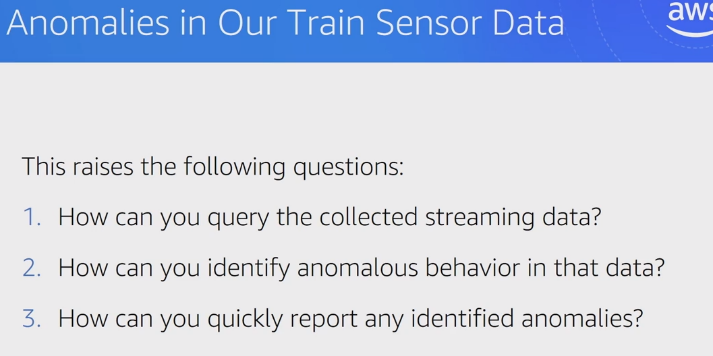


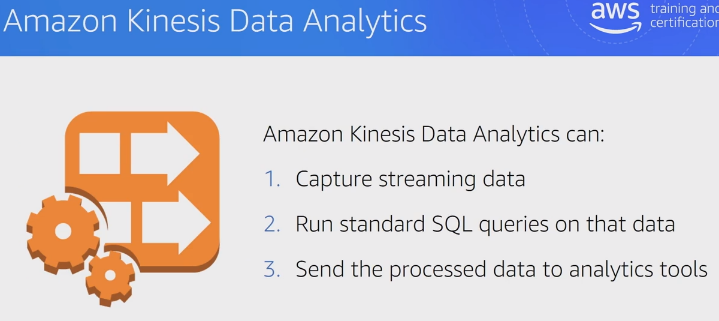
## Data Collection

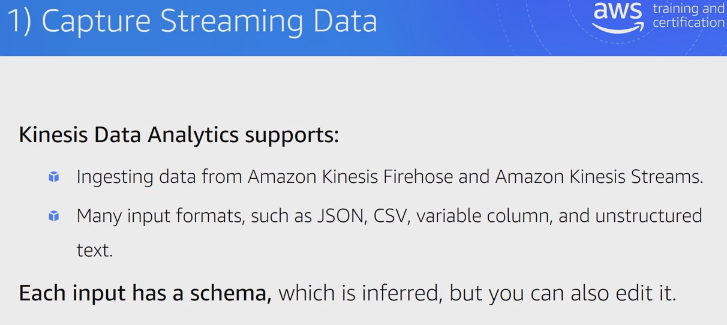


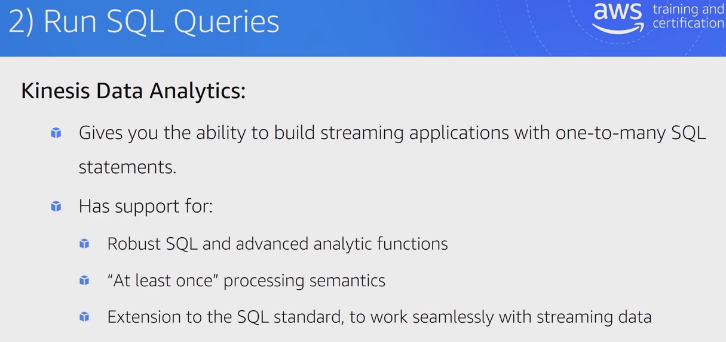


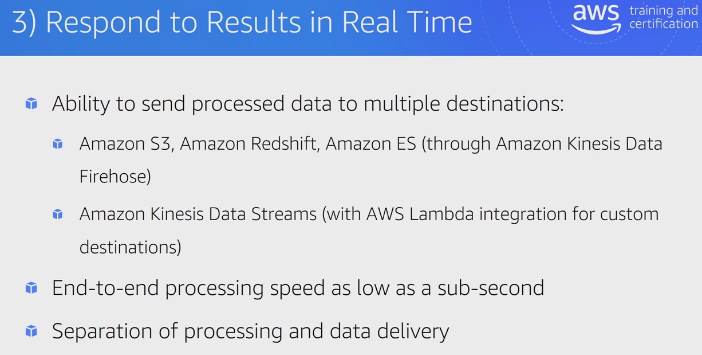
## Detecting Anomaly

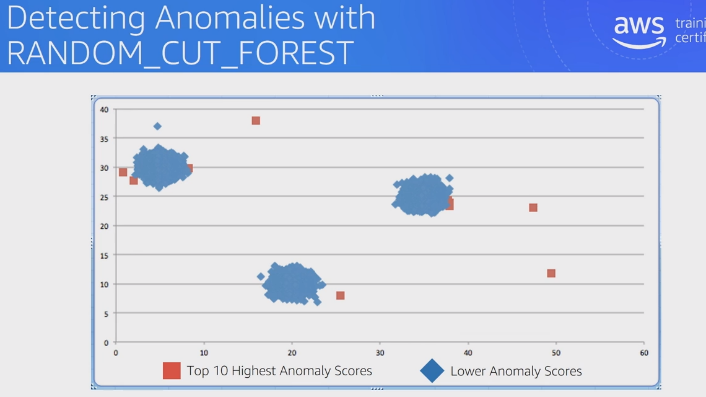


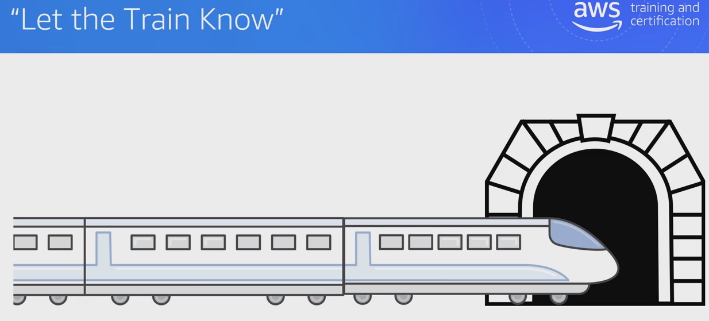


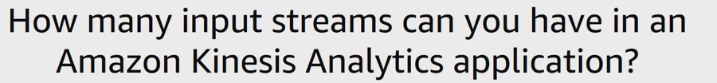




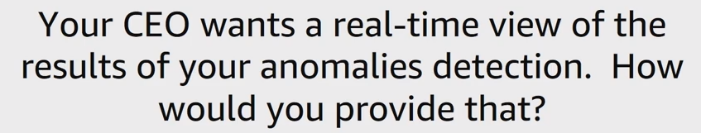




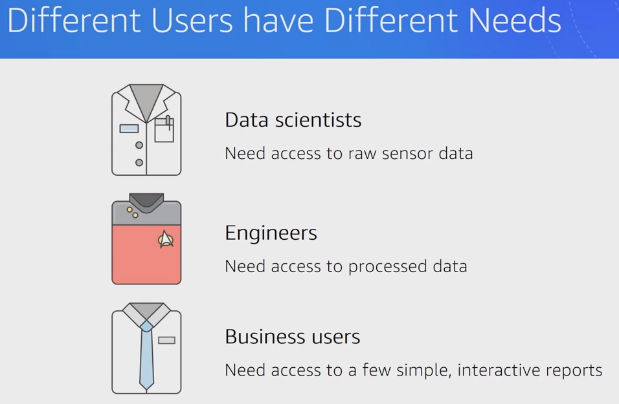


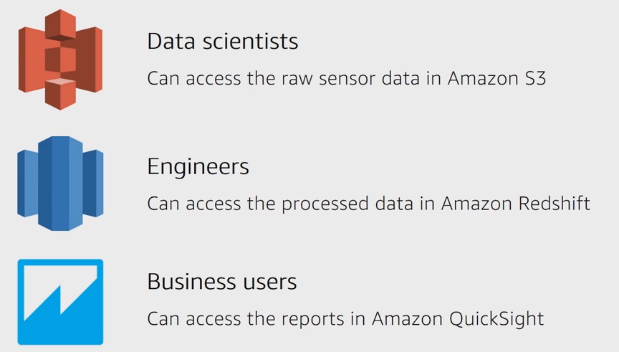


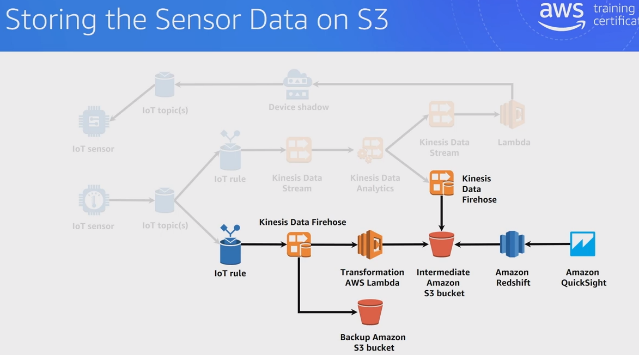
1 stream per Kinesis Analytics App

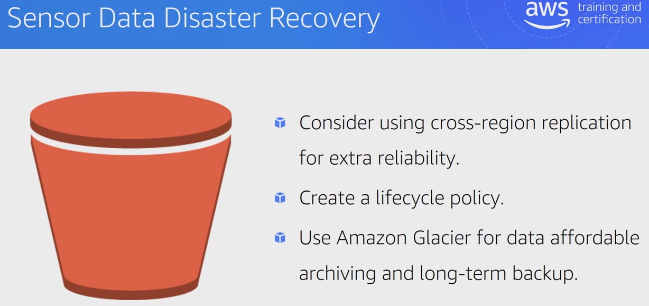


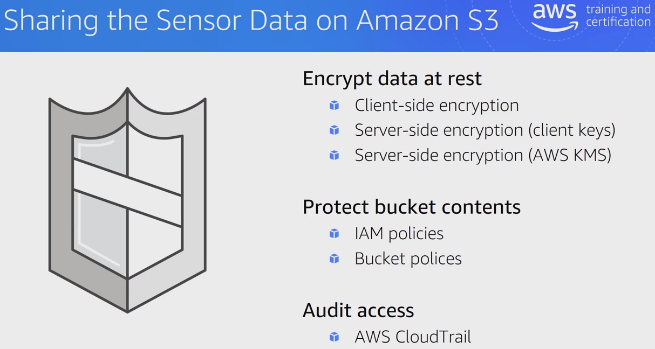
## Sharing the Data

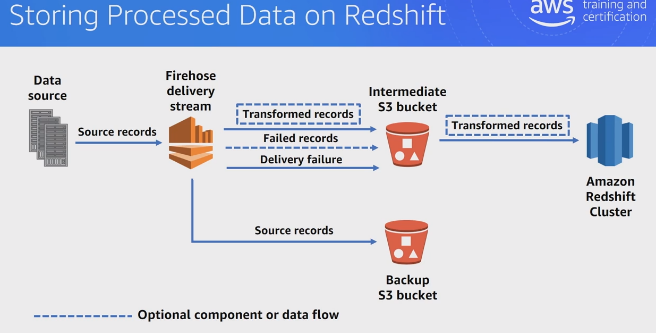


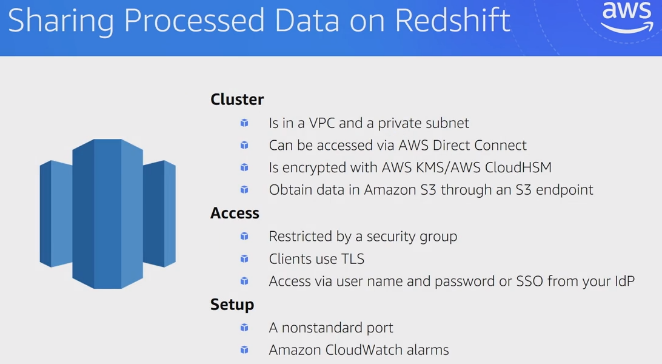


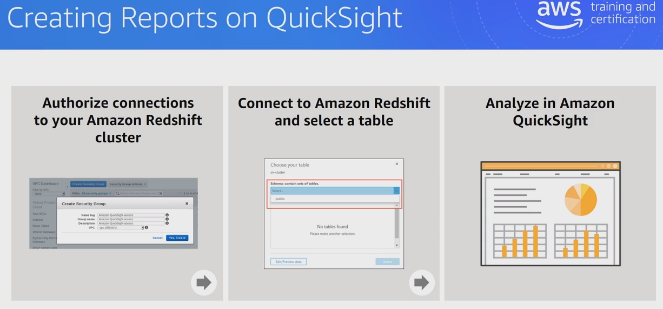


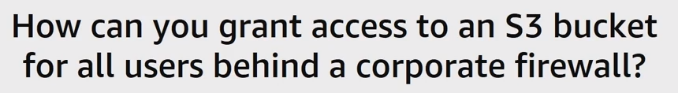


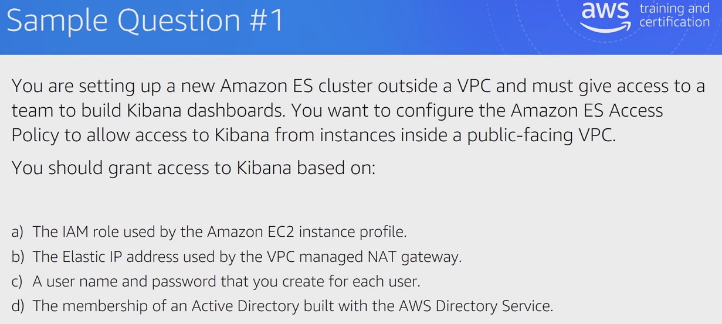




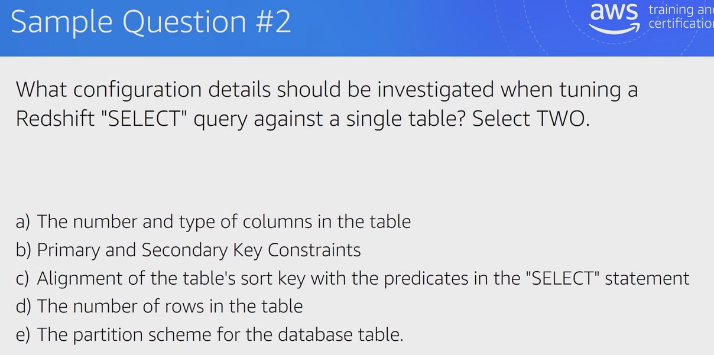








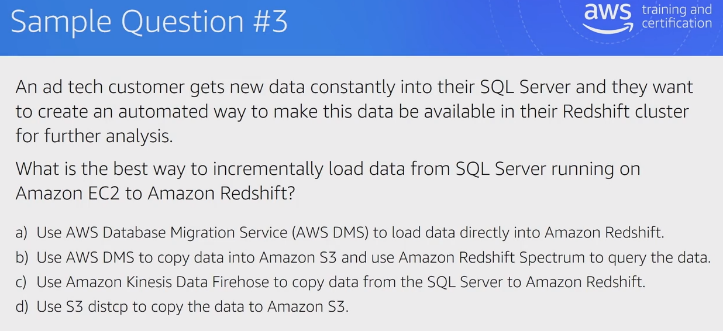
b) Kibana does not have IAM role



d) not a REDSHIFT config

e) not supported by REDSHIFT

a) and c)



b)

# Compliance for Healthcare Workloads

# Social Media Mobile App

# Clickstream Analysis

# Fraud Detection