Authoring Visual Analytics using Amazon QuickSight

Course code: AWSVAQS

In this course, you will use Amazon QuickSight to build a data visualization solution. By using QuickSight everyone in your organization can understand your data exploring interactive dashboards, asking questions in natural language, or automatically looking for patterns and outliers powered by machine learning. This course focuses on connecting to data sources, building visuals, designing interactivity, and creating calculations. You will learn how to apply security best practices to your analyses. You will also explore the machine learning capabilities built into QuickSight.

Who is the course for

- Data and business analysts who build and manage business analytics dashboards

What we teach you

- Explain the benefits, use cases, and key features of Amazon QuickSight
- Design, create, and customize QuickSight dashboards to visualize data and extract business
- insights from it
- Select and configure appropriate visualization types to identify, explore, and drill down on business
- insights
- Describe how to use one-click embed to incorporate analytics into applications
- Connect, transform, and prepare data for dashboarding consumption
- Perform advanced data calculations on QuickSight analyses
- Describe the security mechanisms available for QuickSight
- Apply fine-grained access control to a dataset
- Implement machine learning on datasets for anomaly detection and forecasting
- Explain the benefits and key features of QuickSight Q to enhance the dashboard user experience

Required skills

Students with a minimum one-year experience authoring visual analytics will benefit from this course. We

recommend that attendees of this course have:

- Completed
- Data Analytics Fundamentals

Teaching methods

Professional explanation with practical samples and examples.

Teaching materials

Amazon guide book for this course.

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