Authoring Visual Analytics using Amazon QuickSight (AVAQS)

ID AVAQS   **Preis** CHF 1'750.– (exkl. MwSt.)   **Dauer** 2 Tage

Zielgruppe

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

Voraussetzungen

- Attendees should have a minimum of one-year experience in business intelligence or a similar function
- Completed the following course: Data Analytics Fundamentals

Kursziele

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

Kursinhalt

Day 1

Module 1: Introduction and Overview of Amazon QuickSight

- Introducing Amazon QuickSight
- Why use Amazon QuickSight for data visualization

Module 2: Getting Started with Amazon QuickSight

- Interacting with Amazon QuickSight
- Loading data into Amazon QuickSight
- Visualizing data in Amazon QuickSight
- Demonstration: Walkthrough of Amazon QuickSight interface
- Practice Lab: Create your first dashboard

Module 3: Enhancing and Adding Interactivity to Your Dashboard

- Enhancing your dashboard
- Demonstration: Optimize the size, layout, and aesthetics of a dashboard
- Enhancing visualizations with interactivity
- Demonstration: Walkthrough of dashboard interactivity features
- Practice Lab: Enhancing your dashboard

Module 4: Preparing Datasets for Analysis

- Working with datasets
- Demonstration: Transform your datasets for analysis
- Practice Lab: Preparing data for analysis

Module 5: Performing Advanced Data Calculations

- Transform data using advanced calculations
- Practice Lab: Performing advanced data calculations

Activity: Designing a Visual Analytics Solution

Day 2

Module 6: Overview of Amazon QuickSight Security and Access Control

- Overview of Amazon QuickSight security and access control
- Dataset access control in Amazon QuickSight
- Lab: Implementing access control in Amazon QuickSight visualizations

Module 7: Exploring machine learning capabilities

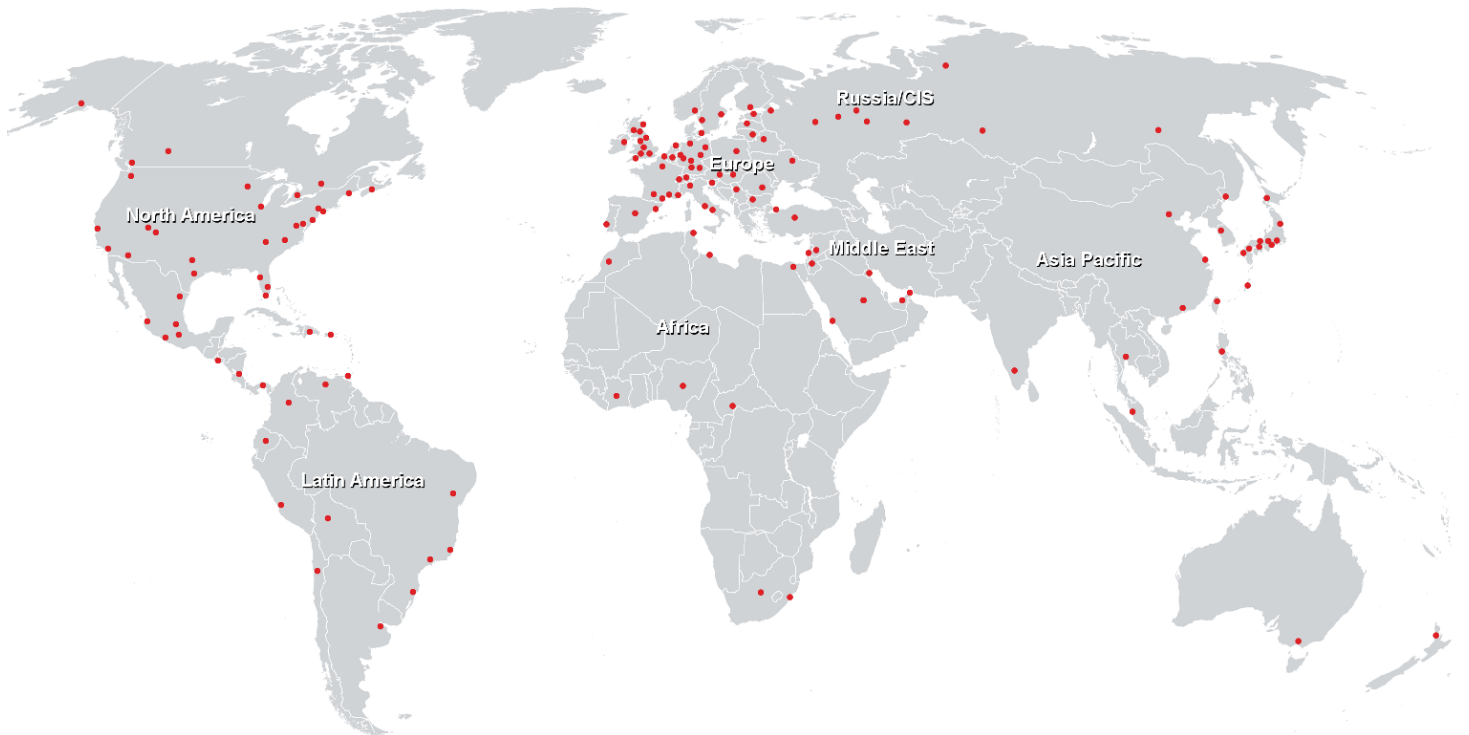# Authoring Visual Analytics using Amazon QuickSight (AVAQS)

- Introducing Machine Learning (ML) insights
- Natural Language Query with QuickSight Q
- Demonstration: Using QuickSight Q
- Lab: Using machine learning for anomaly detection and forecasting

End of day challenge labs

- Join data sources together
- Create a dashboard
- Enhance the dashboard and add interactivity
- Perform advanced data calculations
- Integrate machine learning tools into the dashboard

Weltweite Trainingscenter

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