Szkolenie: Google Cloud

Getting Started with FinOps on Google Cloud

Cel szkolenia:

This course is an interactive learning experience designed to provide an actionable set of steps to help your organizations implement a Cloud Financial Management strategy to maximize your cloud investment with Google Cloud. In this class you will walk through the five pillars of Google Cloud FinOps and understand how your organization can work to implement these pillars in their own FinOps approach.

What you'll learn

- Address financial governance challenges with Cloud FinOps.
- Understand the five pillars of the Google Cloud FinOps operating model.
- Establish cloud FinOps policies and enablement for your organization.
- Drive financial accountability and value realization with defined success metrics.
- Understand how to optimize costs of your utilized Google Cloud resources.
- Modernize budgeting and forecasting methods.
- Leverage costing tools to effectively manage and track Google Cloud spend.

Audience

This course is designed for cloud practitioners, finance teams, and IT professionals who want to learn how to optimize cloud costs and implement FinOps practices on Google Cloud.

Plan szkolenia:

- Introduction to FinOps on Google Cloud
  - Topics
  - Financial governance challenges
  - Cloud FinOps industry trends
  - Google Cloud FinOps framework
  - Objectives

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- Describe financial governance challenges for cloud resources.
- Describe industry trends in Cloud FinOps.
- Understand the Google Cloud FinOps framework.

- Accountability and Enablement
  - Topics
    - Cloud FinOps operating model
    - Roles and responsibilities
    - Governance and policies
    - Incentivization
  - Objectives
    - Create a Cloud FinOps operating model.
    - Define roles and responsibilities within a Cloud FinOps team.
    - Establish governance and policies.
    - Enable your organization through incentivization.
  - Activities
    - Discussion: Establishing a Cloud FinOps operating model
- Measurement and Realization
  - Topics
    - Benefits of measurement and realization
    - KPIs and value metrics
    - Value vs. cost
    - Transparency through reporting and accountability
  - Objectives
    - Establish KPIs and value metrics.
    - Understand value vs. cost.
    - Establish transparency through reporting and accountability
  - Activities
    - Discussion: Value vs. cost
    - Discussion: Transparency through reporting and accountability
- Cost Optimization
  - Topics
    - Google Cloud cost optimization approach
    - Resource utilization
    - Golden signals
    - Resource, price, and architecture optimization
    - Optimizing resource utilization

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- Objectives
  - Understand Google Cloud cost optimization approach.
  - Implement visibility into resource utilization via tagging.
  - Understand the golden signals.
  - Describe resource, price, and architecture optimization.
  - Optimize resource utilization.
- Activities
  - Discussion: Understanding the golden signals
  - Discussion: Resource, pricing, and architectural optimization

- Planning and Forecasting
  - Topics
    - Budgeting and allocation
    - Forecasting spend
    - Reporting and integration
    - Google Cloud billing model
  - Objectives
    - Understand budgeting and allocation.
    - Forecast spend on cloud resources.
    - Implement reporting and integration.
    - Understand the Google Cloud billing model.
  - Activities
    - Discussion: Budgeting, allocating, and forecasting

- Tools and Accelerators
  - Topics
    - Budgets and alerts on Google Cloud
    - Tagging automation and resource management
    - Cost management tools within Google Cloud
    - Cloud Cost Reporting
  - Objectives
    - Explore budgets and alerts on Google Cloud
    - Tagging automation and resource management
    - Describe cost management tools within Google Cloud
    - Understand Cloud Cost Reporting

Wymagania:

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Basic knowledge of cloud computing and Google Cloud technologies as discussed in the "Cloud Digital Leader" course.

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Google Cloud (course completion).

Prowadzący:

Authorized Google Cloud Trainer

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