

## Szkolenie: Google Cloud Getting Started with FinOps on Google Cloud - FinOps Practitioner



### Cel szkolenia:

This course is a hands-on learning experience designed to provide an actionable set of steps to help your organizations implement a Cloud Financial Operations (FinOps) strategy to maximize your cloud investment with Google Cloud. This course is suitable for Finance and/or IT related roles responsible for optimizing organization's cloud cost.

### What you'll learn:

- Describe Cloud FinOps
- Apply FinOps Cultural Principles
- Explain the Cloud FinOps Framework
- Manage and implement Cloud cost processes
- Monitor spend and build Cloud cost reports
- Create Forecasts in Google Cloud

### Plan szkolenia:

- Module 1 - Cloud FinOps Overview
  - Topics:
    - Challenges in cloud
    - What is Cloud FinOps
    - Why does FinOps Matter
    - Building blocks of FinOps
    - Capabilities framework
    - Cultural principles
    - Building a Cloud FinOps team
    - Measuring success
    - The road ahead
  - Objectives:
    - Describe Cloud FinOps
    - Apply FinOps Cultural Principles
    - Explain the Cloud FinOps Framework

- Module 2 - Cost Management on Google Cloud
  - Topics:
    - Understanding Google Cloud Costs
    - Cost Management Tools
    - Resource Management
  - Objectives:
    - Understand Google Cloud Costs
    - Describe tools on Google Cloud for Cost Management
    - Describe how resources are managed on Google Cloud
  - Activities:
    - Quiz 1
    - Lab: Understanding and Analyzing your Costs with Google Cloud
    - Quiz 2
    - Lab: Visualizing Billing Data with Looker Studio
    - Optional Lab: Looker Data Explorer
- Module 3 - Cost Optimization on Google Cloud
  - Topics:
    - Understanding Value vs. Cost
    - Lifecycle of Cost Optimization
    - Achieving Cost Optimization on Google Cloud
  - Objectives:
    - Understand value vs. cost
    - Describe the lifecycle of cost optimization
    - Achieve cost optimization on Google Cloud
  - Activities:
    - Quiz 3
    - Lab: Fundamentals of Cloud Logging
    - Quiz 4
- Module 4 - Cost Optimization Best Practices for BigQuery
  - Topics:
    - Primer on BigQuery
    - Optimizing Querying
    - Optimizing Storage
  - Objectives:
    - Describe BigQuery as a data warehousing solution on Google Cloud
    - Optimize compute and storage utilization on BigQuery

- Activities:
  - Demo: Optimizing your Google Cloud Spend with BigQuery and Looker
  - Lab: Analyzing Billing Data with BigQuery

## Wymagania:

Completion of the Google Cloud Fundamentals: Core Infrastructure course or equivalent experience with Google Cloud

## Poziom trudności



## Certyfikaty:

The participants will obtain certificates signed by Google Cloud

## Prowadzący:

Authorized Google Cloud Trainer