Google Cloud Digital Leader

Duration: 2 Days **Course Code: GO9089**

Overview:

If youre wondering how cloud can transform your business then this course is for you. Aimed at business leaders new to cloud, this course provides insight into Google's approach to digital transformation, and how to embrace cloud in your business. This training is designed to give you foundational knowledge about cloud technology, data, and Google Cloud products that enable digital transformation. Empowering you and your team(s) to contribute to cloud-related business initiatives in your organization.

Target Audience:

Traditional enterprise business decision makers Suitable for all management levels leading Product, Projects, Programs, Operations, Line of Business, Finance, People Management, Sales, Marketing, and Client Management interested in how Google Cloud can support their business transformation Participants should be reasonably new to cloud technology

Objectives:

- Recall fundamental cloud terminology
- Identify Google Cloud products and solutions that support digital transformation
- Explain how cloud technology and data can be leveraged to innovate within organizations
- Explain infrastructure and application modernization with Google Cloud
- Describe contributing factors to the success of cloud operations and security

Prerequisites:

- Knowledgeable about their own business products / services and industry
- No prior technical knowledge is required

Content:

Module 01 Introduction to Digital Transformation with Google Cloud

Topics

- Why cloud technology is revolutionizing business
- Digital transformation with Google Cloud
- Scale the innovation mindset
- The value of data
- Data consolidation and analytics
- Innovation with machine learning
- Modernizing IT infrastructure with Google Cloud
- Modernizing applications with Google Cloud
- The value of APIs
- Financial governance in the cloud
- Security in the cloud
- Monitoring cloud IT services and operations

Objectives

- Define fundamental terms such as data, cloud technology, and digital transformation.
- Use customer use cases to demonstrate how cloud technology is transforming
- Recognize the Google Cloud solution areas and use cases for each.
- Describe key principles that help to scale an innovation mindset across an
- Describe the role of data in digital transformation and the importance of
- a data-driven culture.
- Identify common Google Cloud solutions for data management
- Identify common Google Cloud solutions for smart analytics
- Identify Google Cloud’s solutions for Machine Learning and AI
- Describe the key benefits of infrastructure and application modernization with
- reference to cloud technology.
- Differentiate between virtual machines, containers, and serverless computing.
- Explain the Google Cloud solutions that help businesses to better manage their
- systems, such as App Engine and Google Kubernetes Engine.
- Explain how Google Cloud solutions support app modernization and simplify API
- Describe financial governance in the cloud and Google Cloud's recommended best
- practices for effective cloud cost management.
- Define a shared responsibility model for optimal cloud security.
- Explain how IT teams and business leaders can use principles from DevOps and SRE
- to increase cloud operational efficiency.
- Identify Google Cloud solutions for cloud resource monitoring and application performance management

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Activities

- Think about technology which no longer exists
- Apply cloud to solve your business challenges
- Identify the two core modernization areas
- Knowledge check - practice exam questions
- Organize your business datasets into ‘buckets’
- Identify the best data management solution
- Knowledge check - practice exam questions
- Address business challenges with

Module 04 Understanding Google Cloud Security and Operations

Topics

- Why cloud technology is revolutionizing business
- Digital transformation with Google Cloud
- Scale the innovation mindset
- The value of data
- Data consolidation and analytics
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- Explain how IT teams and business leaders can use principles from DevOps

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- Organize your business datasets into ‘buckets’
- Identify the best data management solution
- Knowledge check - practice exam questions
- Address business challenges with infrastructure modernization
- Relate infrastructure modernization options to your business
- Identify five key patterns for application modernization
- Knowledge check - practice exam questions
- Identify how to improve operations using cost management approaches
- Recall and identify common cybersecurity threats
- Review misconceptions about security in the cloud
- Identify permissions and access requirements
- Knowledge check - practice exam questions

Module 02 Innovating with Data and Google Cloud

Topics

- Why cloud technology is revolutionizing business
- Digital transformation with Google Cloud
- Scale the innovation mindset
- The value of data
- Data consolidation and analytics
- Innovation with machine learning
- Modernizing IT infrastructure with Google Cloud
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- Knowledge check - practice exam questions
- Identify how to improve operations using cost management approaches
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Module 03 Infrastructure and Application Modernization with Google Cloud

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Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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