



# **Microsoft Azure Cloud Services Mastery: From Fundamentals to Advanced Administration**



# Microsoft Azure Cloud Services Mastery: From Fundamentals to Advanced Administration

## Course Overview:

Welcome to the "Microsoft Azure Complete Training Course," a comprehensive journey designed to turn you into a proficient Microsoft Azure Administrator. We start with Microsoft Azure fundamentals to give you a solid foundation and progress into advanced topics, including Azure Resource Manager, Azure DevOps Project Management Tools, Azure Cost Management Tools, and more. We will explore the pros and cons of Microsoft Azure, allowing you to make informed decisions in your role. With our focus on hands-on training, you'll get experience in Azure Configuration Management Tools, Azure Core Services, and you'll even get to play around with Azure Cosmos DB. By the end of this course, you'll be proficient in Azure Management Tools and understand the Azure DNS Technology Stack to secure and scale your applications.

## Target Audience:

- Cloud Engineers
- DevOps Engineers
- System Administrators
- Database Administrators

## Targeted Organizational Departments:

- IT Operations
- Software Development
- Database Management
- Cybersecurity

## Targeted Industries:

- Tech Companies
- Healthcare
- Finance
- E-commerce
- Government

## Course Offerings:

Participants will learn:

- Microsoft Azure Fundamentals
- Azure Resource Manager ARM Templates
- Azure DNS Security Measures
- Azure Cost Management Tools
- Cosmos DB Analytics
- Azure Traffic Manager functionalities

## Training Methodology:

This course employs a mix of interactive lectures, hands-on labs, group discussions, and case studies. We leverage Azure Resource Manager Templates for practical lessons and incorporate Azure Management Tools in case studies. Learning methods also include reviewing real-world examples of Azure DNS Security issues and solving them in class. Each day will wrap up with a reflection and review session, featuring interactive quizzes based on Azure Core Services and Cosmos DB Analytics.

## Course Toolbox:

- Azure Portal Access
- Azure DevOps Project Management Tools
- Azure Cost Management Dashboards
- Azure Resource Manager Templates
- Cosmos DB Query Tool
- Azure DNS Server IP Checklists

## Course Agenda:

### Day 1: Introduction to Azure Cloud Computing

- **Topic 1:** Welcome & Overview
- **Topic 2:** Purpose of Azure in Modern Computing
- **Topic 3:** Azure Services Definition
- **Topic 4:** Role of Azure in Cloud Computing
- **Topic 5:** Good Azure Practices
- **Reflection & Review:** Summary of the importance and role of Azure Cloud Computing



## Day 2: Azure Fundamentals and Principles

- **Topic 1:** Recap of Day 1
- **Topic 2:** Critical Success Factors for Azure
- **Topic 3:** Introduction to Azure Principles and Concepts
- **Topic 4:** Definition of Azure Resources
- **Topic 5:** Individual Azure Services and Overall Azure Architecture
- **Reflection & Review:** Discussion of Key Principles in Azure

## Day 3: Azure Resource Management and Security

- **Topic 1:** Recap of Day 2
- **Topic 2:** Azure Security Measures
- **Topic 3:** Iterative Process in Azure Resource Management
- **Topic 4:** Responsibility for Azure Security
- **Topic 5:** Azure Administrator's Role in Resource Management
- **Reflection & Review:** The Stakeholder's Role in Azure Security and Resource Management

## Day 4: Azure Data Management and Analytics

- **Topic 1:** Recap of Day 3
- **Topic 2:** Azure Data Lake and Storage Options
- **Topic 3:** Azure Analytics Services
- **Topic 4:** Implementing Data Solutions in Azure
- **Topic 5:** Critical Success Factors for Data Solutions
- **Reflection & Review:** Techniques for Effective Data Management and Analytics

## Day 5: Azure DevOps and Final Review

- **Topic 1:** Recap of Day 4
- **Topic 2:** Introduction to Azure DevOps
- **Topic 3:** DevOps Tools in Azure
- **Topic 4:** Continuously Deploy Applications in Azure
- **Topic 5:** Maintain DevOps Practices
- **Reflection & Review:** Final Review and Closing Remarks

## How This Course is Different from Other Microsoft Azure Courses:

The "Microsoft Azure Complete Training Course" isn't just another tutorial—it's a comprehensive guide that walks you through both the basics and advanced features, with a strong focus on practical application. Unlike other courses, we offer you hands-on experience with Azure Resource Manager Templates, Azure DevOps Project Management Tools, and Cosmos DB Analytics. We address real-world challenges related to Azure DNS Security and Azure Traffic Manager, equipping you for scenarios you'll actually face in your career.

# Training Course Categories



**Finance and  
Accounting Training  
Courses**



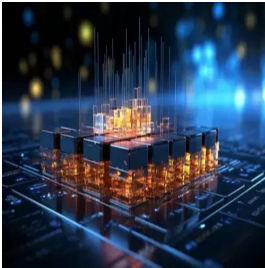
**Agile PM and Project  
Management Training  
Courses**



**Certified Courses By  
International Bodies**



**Communication and  
Public Relations  
Training Courses**



**Data Analytics Training  
and Data Science  
Courses**



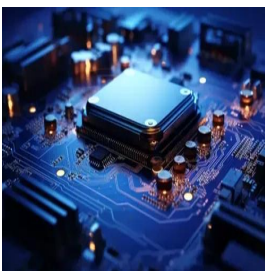
**Environment &  
Sustainability Training  
Courses**



**Governance, Risk and  
Compliance Training  
Courses**



**Human Resources  
Training and  
Development Courses**



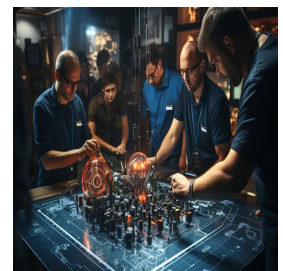
**IT Security Training & IT  
Training Courses**



**Leadership and  
Management Training  
Courses**



**Legal Training,  
Procurement and  
Contracting Courses**



**Maintenance Training  
and Engineering  
Training Courses**



# Training Course Categories



**Marketing, Customer Relations, and Sales Courses**



**Occupational Health, Safety and Security Training Courses**



**Oil & Gas Training and Other Technical Courses**



**Personal & Self-Development Training Courses**



**Quality and Operations Management Training Courses**



**Secretarial and Administration Training Courses**





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## Training Cities



**Accra - Ghana**



**Amman - Jordan**



**Amsterdam -  
Netherlands**



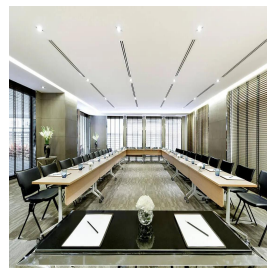
**Athens - Greece**



**Baku - Azerbaijan**



**Bali - Indonesia**



**Bangkok - Thailand**



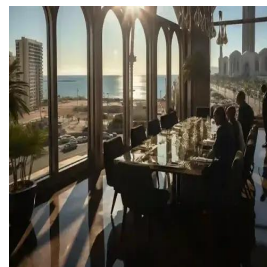
**Barcelona - Spain**



**Cairo - Egypt**



**Cape town - South  
Africa**



**Casablanca -  
Morocco**



**Chicago - USA**



**Doha - Qatar**



**Dubai - UAE**



**Geneva -  
Switzerland**



**Istanbul - Turkey**



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## Training Cities



**Jakarta - Indonesia**



**Johannesburg - South Africa**



**Kuala Lumpur - Malaysia**



**Kuwait - Kuwait**



**Langkawi - Malaysia**



**London - UK**



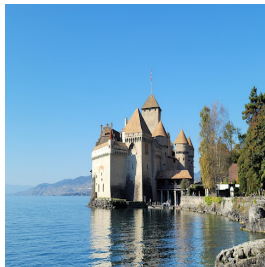
**Madrid - Spain**



**Manama - Bahrain**



**Milan - Italy**



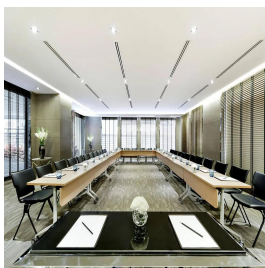
**Montreux - Switzerland**



**Munich - Germany**



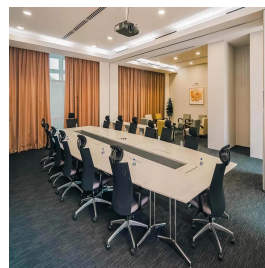
**Muscat - Oman**



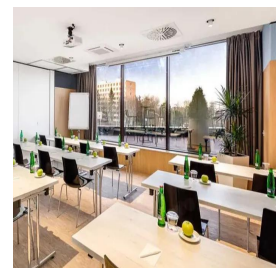
**Nairobi - Kenya**



**Paris - France**



**Phuket - Thailand**



**Prague - Czech Republic**





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## Training Cities



**Rome - Italy**



**San Diego - USA**



**Sharm El-Sheikh -  
Egypt**



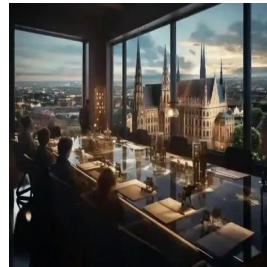
**Tbilisi - Georgia**



**Tokyo - Japan**



**Trabzon - Turkey**



**Vienna - Austria**



**Zanzibar - Tanzania**



**Zoom - Online  
Training**

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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