Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ENTERPRISE RESOURCE PLANNING (ERP)

ERP in AWS, Azure and GCP Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

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ERP in AWS, Azure and GCP Training Course

Enterprise Resource Planning (ERP) • 5 Days Intensive • Accredited Certification

Course Overview

ERP in AWS, Azure and GCP Training Course equips professionals with hands-on expertise to deploy, manage, and optimize ERP systems on leading cloud environments, leveraging cloud-native architectures, automation, and AI-driven insights.

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
29 Dec 2025 – 2 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Dec 2025 – 2 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Accra	Classroom / 5d	**$4,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Jan 2026 – 9 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

ERP in AWS, Azure and GCP Training Course

Introduction

In the era of digital transformation, Enterprise Resource Planning (ERP) systems are critical for streamlining business operations, enhancing decision-making, and driving enterprise-wide efficiency. Migrating ERP to cloud platforms such as AWS, Azure, and GCP offers scalability, cost optimization, real-time analytics, and advanced security features. ERP in AWS, Azure and GCP Training Course equips professionals with hands-on expertise to deploy, manage, and optimize ERP systems on leading cloud environments, leveraging cloud-native architectures, automation, and AI-driven insights.

This comprehensive program emphasizes practical learning through real-world case studies, cloud migration strategies, and performance optimization techniques. Participants will master the integration of ERP with cloud services, explore multi-cloud strategies, and understand disaster recovery, compliance, and cost management. By combining theoretical knowledge with hands-on labs, this course empowers IT professionals, consultants, and decision-makers to accelerate digital transformation in their organizations.

Course Duration

5 days

Course Objectives

- Understand ERP fundamentals and cloud adoption strategies.
- Deploy ERP systems on AWS, Azure, and GCP with hands-on labs.
- Implement cloud-native architectures for ERP applications.

- Optimize ERP performance with scalability, load balancing, and high availability.
- Integrate ERP with cloud-based AI, ML, and analytics tools.
- Apply cost management and cloud governance best practices.
- Execute ERP migration from on-premise to cloud using proven frameworks.
- Ensure data security, compliance, and disaster recovery in cloud ERP.
- Leverage automation and DevOps pipelines for ERP deployments.
- Monitor ERP applications using cloud monitoring and observability tools.
- Implement hybrid and multi-cloud ERP strategies for flexibility.
- Analyze business insights and KPIs through cloud ERP analytics.
- Solve real-world ERP challenges using case studies and industry scenarios.

Target Audience

- Cloud architects and engineers
- ERP consultants and solution architects
- IT managers and system administrators
- Business analysts and process owners
- DevOps and automation engineers
- Data analysts and BI professionals
- Cloud migration specialists
- CIOs and enterprise decision-makers

Course Modules

Module 1: Introduction to ERP & Cloud Platforms

- Overview of ERP systems and business benefits
- Cloud adoption trends and market insights
- Comparison of AWS, Azure, and GCP for ERP
- Cloud ERP deployment models: SaaS, PaaS, IaaS
- Case Study: ERP migration to AWS for a manufacturing firm

Module 2: ERP Architecture & Cloud Design Patterns

- ERP architecture components in the cloud
- Multi-tier ERP deployment strategies
- High availability and disaster recovery design
- Cloud-native microservices integration
- Case Study: Azure-based ERP architecture for retail

Module 3: ERP Migration Strategies

- Assessing on-premise ERP readiness
- Lift-and-shift and re-architecting ERP
- Data migration and ETL processes
- Cloud migration tools and automation
- Case Study: GCP ERP migration for a healthcare provider

Module 4: Cloud Security & Compliance for ERP

- Identity and access management (IAM)
- Data encryption and compliance standards (GDPR, HIPAA)
- Network security and monitoring
- Security best practices in multi-cloud ERP
- Case Study: Securing ERP on Azure for finance sector

Module 5: ERP Performance Optimization

- Scaling ERP resources dynamically
- Load balancing and caching strategies
- Performance monitoring and KPIs

- Cost optimization in ERP workloads
- Case Study: AWS ERP optimization for a logistics company

Module 6: Integration & Advanced Cloud Services

- Integrating ERP with cloud AI/ML services
- ERP and IoT integration scenarios
- Business intelligence and analytics on cloud ERP
- API management and middleware tools
- Case Study: Analytics-driven ERP on GCP for e-commerce

Module 7: Automation & DevOps for ERP

- CI/CD pipelines for ERP updates
- Infrastructure as Code (IaC) using Terraform/CloudFormation
- Automated testing and monitoring
- Release management and rollback strategies
- Case Study: Automated ERP deployment on Azure

Module 8: Real-World Case Studies & Capstone Project

- Multi-cloud ERP deployment scenarios
- ERP optimization and cost management strategies
- Cloud governance and operational excellence
- Troubleshooting ERP challenges in production
- Capstone Project: End-to-end ERP deployment on AWS/Azure/GCP

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/erp-in-aws-azure-and-gcp-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.