Cloud Computing Courses



AMAZON WEB SERVICES (AWS)

Foundations

- AWS Technical Essentials
- AWS Cloud Practitioner Essentials
- AWS Cloud Essentials for Business Leaders
- AWS Cloud Essentials for Business Leaders—Financial Services

PARTNER

- Generative AI for Executives
- Generative AI Essentials on AWS

Architect

- Architecting on AWS
- AWS Well-Architected Best Practices
- Advanced Architecting on AWS
- Advanced AWS Well-Architected Best Practices

Containers

• Running Containers on Amazon Elastic Kubernetes Service

Cost Management

• AWS Cloud Financial Management for Builders

Data Analytics

- Building Data Lakes on AWS
- Building Batch Data Analytics Solutions on AWS
- Building Data Analytics Solutions Using Amazon Redshift
- Building Streaming Data Analytics Solutions on AWS
- Data Warehousing on AWS

Databases

- Planning and Designing Databases on AWS
- Build Modern Applications with AWS NoSQL Databases

Developer

Developing on AWS

DevOps Engineer

DevOps Engineering on AWS

Machine Learning

- MLOps Engineering on AWS
- Practical Data Science with Amazon SageMaker
- Amazon SageMaker Studio for Data Scientists
- Developing Generative AI Applications on AWS

Migrate and Transfer

- AWS Migration Essentials
- · Migrating to AWS

Networking and Content Delivery

Networking Essentials for Cloud Applications on AWS

Operations

• Cloud Operations on AWS

Security

- AWS Security Essentials
- AWS Security Best Practices
- AWS Security Governance at Scale
- Security Engineering on AWS

Serverless

• Developing Serverless Solutions on AWS

Storage

• Designing and Implementing Storage on AWS

AZURE (MICROSOFT AZURE)

Microsoft Azure Fundamentals Microsoft Azure Administrator Microsoft Azure Architect Technologies

DATABRICKS

Business

Get Started with Databricks for Business Leaders

Data Analysis and SQL

- Data Analysis with Databricks
- Data Analytics and Warehousing with Databricks SQL

Data Enaineerina

- Get Started with Databricks for Data Engineering
- Data Engineering with Databricks
- Data Management and Governance with Unity Catalog
- Build Data Pipelines with Delta Live Tables
- Data Ingestion to Delta Lake
- · Deploy Workloads with Databricks Workflows
- Intro to Python for Data Science and Data Engineering
- Databricks Performance Optimization
- Databricks Streaming and Delta Live Tables
- Advanced Data Engineering with Databricks
- Get Started with Databricks Platform Administration
- Databricks Data Privacy
- Databricks DevOps for Pipelines

Generative AI

- Generative AI Application Deployment and Monitoring
- Generative AI Application Development
- Generative AI Application Evaluation and Governance
- Generative AI Engineering with Databricks
- Generative AI Solution Development

Machine Learning and AI

- Get Started with Machine Learning on Databricks
- Machine Learning with Databricks
- Machine Learning in Production
- Machine Learning Model Deployment
- Machine Learning Model Development
- Machine Learning Operations
- Data Preparation for Machine Learning
- Scalable Machine Learning with Apache Spark
- Deep Learning with Databricks

Programming and Apache Spark

- Optimizing Apache Spark on Databricks
- Apache Spark Programming with Databricks

Cloud Computing Courses



GOOGLE CLOUD



Foundations

- Google Cloud Fundamentals: Core Infrastructure
- Getting Started with Google Kubernetes Engine
- Getting Started with Terraform for Google Cloud
- Introduction to AI and Machine Learning on Google Cloud
- Introduction to Data Engineering on Google Cloud

Apigee and API Management

- Developing APIs with Google Cloud's Apigee API Platform
- Managing Google Cloud's Apigee API Platform for Hybrid Cloud
- Installing and Managing Google Cloud's Apigee API Platform
- Building Solutions with Apigee X

Application Modernization

- Developing Applications with Google Cloud Platform
- Application Development with Cloud Run
- Developing Applications with Cloud Functions on Google Cloud
- Professional Cloud Developer Certification Workshop
- Professional Cloud DevOps Engineer Certification Workshop
- Understanding Cloud Spanner
- Day 2 Operations on Google Cloud

Cloud Infrastructure

- Architecting with Google Compute Engine
- Architecting with Google Cloud: Design and Process
- Logging, Monitoring, and Observability in Google Cloud
- Google Cloud Infrastructure for AWS Professionals
- Associate Cloud Engineer Certification Workshop
- Professional Cloud Architect Certification Workshop

Data Engineering and Analytics

- Google Cloud Fundamentals for Researchers
- Introduction to Data Analytics on Google Cloud
- From Data to Insights with Google Cloud Platform
- BigQuery for Data Analysts
- Data Engineering on Google Cloud
- Serverless Data Processing with Dataflow
- Enterprise Database Migration
- Data Warehousing with BigQuery
- Data Integration with Cloud Data Fusion
- Migrating to BigQuery (<u>Athena</u>, <u>Redshift</u>, <u>Snowflake</u>, <u>Teradata</u>)
- Managing a Dash Mesh with Dataplex
- Orchestrate BigQuery Workloads with Dataform
- Workflow Orchestration for Cloud Composer
- Professional Data Engineer Certification Workshop

Generative AI

- Introduction to GenAl for Decision Makers
- Empower Decision Makers with Generative AI
- Industry Use Cases for Generative AI
- Generative AI Explorer
- Introduction to Responsible AI in Practice
- Vertex Al Agent Builder
- Application Development with LLMs on Google Cloud
- Introduction to Developer Efficiency with Gemini on Google Cloud
- Generative AI in Production
- · Vertex AI and Generative AI Security

Google Cloud for Business

- Cloud Digital Leader
- Data-Driven Transformation with Google Cloud
- Leading Change When Moving to Google Cloud
- Managing Machine Learning Projects with Google Cloud
- Getting Started with FinOps on Google Cloud
- Technical Foundations of FinOps on Google Cloud
- Gemini for Google Workspace

Kubernetes, Hybrid, and Multi-Cloud

• Architecting with Google Kubernetes Engine

Looker and Looker Studio

- Analyzing and Visualizing Data in Looker
- Developing Data Models with LookML
- Looker Developer Deep Dive
- Introduction to Looker Studio Pro
- Become a Looker Studio Pro Power User

Machine Learning and Artificial Intelligence

- Machine Learning on Google Cloud Platform
- Vertex AI for Machine Learning Practitioners
- Professional Machine Learning Engineer Certification Workshop
- Developing Conversational Agents on Google Cloud

Networking and Security

- Networking in Google Cloud
- · Security in Google Cloud
- Professional Cloud Security Engineer Certification Workshop
- Professional Cloud Network Engineer Certification Workshop

Cloud Computing—Vendor Agnostic

CLOUD—VENDOR AGNOSTIC

758: Journey to the Cloud

788: DevOps Foundations

815: Hands-On Terraform830: DevOps Essentials

832: DevSecOps Foundations

835: Cloud-Native Development

835CE: Cloud Foundational Engineer Bootcamp

838: Architecting Systems in the Cloud

960: Hands-On Kubernetes

961: Certified Kubernetes Application Developer (CKAD)

962: Certified Kubernetes Administrator

975: SRE Essentials 980: Hands-On Ansible

GENERATIVE AI —VENDOR AGNOSTIC

930: Introduction to Generative AI

931: Introduction to Building Generative AI Applications

932: Building Generative AI Chatbot Applications

933: Building Generative AI Search Applications

934: Establishing a Generative Al-enabled Developer Workflow

935: Advanced Hands-On Generative AI Workshop

936: Generative AI Tools to Improve Productivity

937: Hands-On Generative AI: Tools and Techniques

938: Architecting and Implementing Generative AI Solutions in the Cloud

939: Generative AI for Developers

Technology and Management Courses



AGILE AND TEST-DRIVEN DEVELOPMENT

312: Agile/Scrum Fundamentals for Managers

344: Agile Testing Methods for Developers and Testers

371: Certified ScrumMaster

372: Certified Scrum Product Owner

375: Scrum Essentials with Kanban

BIG DATA AND MACHINE LEARNING

401: Big Data Essentials for Managers and Non-Programmers

433: Analyzing Big Data Using Hadoop, Hive, Spark, and HBase

441: Introduction to NoSQL Databases

449: Spark for Big Data Processing

450: Learning Apache Kafka

452: PySpark Essentials

592: Data Science with Python

805: Introduction to Machine Learning

811: Machine Learning Concepts

BUSINESS ANALYSIS

103: Roles, Responsibilities, and Processes of the Business Analyst

108: Analyzing and Documenting Business Processes

109: Advanced Business Analysis

110: The Agile Business Analyst

115: Advanced Requirements Elicitation Techniques

302: Developing Quality Requirements

ITIL® AND IT SERVICE MANAGEMENT

ITIL® 4 Foundations

ITIL® 4 Leadership Digital and IT Strategy

ITIL® 4 Foundation with ITSM Simulation

ITIL® 4 Strategist: Direct, Plan, and Improve

ITIL® 4 Specialist: Create, Deliver, and Support

ITIL® 4 Specialist: Drive Stakeholder Value

JAVA

430: Programming Java

443: Mastering Test-Driven Development Using JUnit

445: Mastering the Spring Framework and Hibernate

472: Java Best Practices and Design Patterns

499: Oracle Certified Professional: Java SE 11 Developer Certification Prep

LEADERSHIP AND MANAGEMENT SKILLS

139: Managerial Leadership

145: Advanced Management and Leadership Techniques

153: Creating and Managing Successful Teams

155: Effective Business Communications and Negotiations

157: Influence Skills

158: Creative Problem Solving

159: Negotiation Skills

166: Interpersonal Communications and Conflict Management Skills

168: Leading Change

169: Motivating People

188: Coaching: Foundations for Success

ORACLE AND SQL SERVER DATABASES

508: SQL Essentials (Available on Oracle, Microsoft SQL Server, IBM DB2, MySQL) 720G: PostgreSQL, Cloud SQL, and AlloyDB Administration and Migration

PROJECT MANAGEMENT

147: Managing Project Risks

150: Project Management Essentials

151: Introduction to Project Management Essentials in a Remote World

152: Project Estimation

164: Advanced Project Management Simulation

172: Effective Project Leadership

179: Project Management Professional (PMP)® Boot Camp

180: Preparing the Business Case

309: Software Project Management

348: Agile Project Management

PYTHON

589: Python Programming Essentials

593: Python Beyond the Basics

595: Advanced Python Programming

5897: Python Pytest for Non-Programmers

5898: Python Pytest for Programmers

SECURITY

491: Web and Mobile Application Security

754: Web Security Foundations

756: Practical Security and Cryptography

SOFTWARE ANALYSIS AND DESIGN

315: Introduction to Design Thinking

400: Thinking Like a Programmer

424: User Experience Design Best Practices

SOFTWARE ENGINEERING

302: Developing Quality Requirements

305: Software Configuration Management

306: Effective Software Testing Methods

309: Software Project Management

400: Thinking Like a Programmer

UNIX AND **LINUX**

601: Introduction to Linux

619: Introduction to UNIX

WEB AND MOBILE APPLICATIONS

489: Building Single-Page Web Applications with React

490: Building Single-Page Applications with Angular

492: Modern Web Development and Progressive Web Applications

493: Building Advanced Web Applications with React and Next.js