AI-ML-Analytics-RPA-Cloud-Cybersecurity Training

Power Your Technical Skills
Guided by Industry Experts with 20+ WorkEx

Web: tuhin.ai | E-mail: dr@tuhin.ai
Dr. Tuhin Chattopadhyay
Internationally Acclaimed Trainer

CIO Conclave & Awards 2020
UBS Forums

Zendesk Awards
Digital CX Summit

Inflection Awards
NASSCOM Cod - IoT

Kamikaze B2B Media Big Data, Analytics & Insights Summit

Top 10 Data Scientists in Analytics India Magazine

India's Top 10 Data Scientists - 2016

FOUNDER & CEO
TUHIN AI ADVISORY

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AI-ML-Analytics-NLP Fundamental Courses

1. AI-ML Primer  
2. ML @ Cloud  
3. Data Mgmt  
4. Python  
5. AI  
6. NLP

Vertical Wise Analytics Training Courses

7. Retail/ CPG Analytics  
8. Telecom Analytics  
9. Actuarial Analytics  
10. Retail Banking Analytics  
11. Manufacturing Analytics

Horizontal Analytics Training Courses

12. Marketing Analytics  
13. Sales Analytics  
14. Customer Service Analytics  
15. Operations & Supply Chain Analytics

16. Human Resource Analytics  
17. Financial Analytics  
18. Digital Analytics

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RPA Certification Courses

- 19. Automation Anywhere
- 20. Blue Prism
- 21. UiPath

Cloud Certification Courses

- 22. Azure Training
- 23. Azure Administrator
- 25. Azure Solution Architect
- 26. AWS Architect
- 27. Virtualization Engineer

Cybersecurity Training Courses

- 28. Ethical Hacking
- 29. Cyber Security Analyst
- 30. Certified Information Systems Auditor (CISA)
AI-ML-Analytics-NLP Fundamental Courses

**AI-ML**
1. **AI – ML Primer**
   Hands-on workshop to comprehend and strategize

**ML Cloud**
2. **AI-ML over Azure**
   Power your Digitization directly over Cloud

**Data Mgmt**
3. **DeltaLake & LakeHouse**
   Cutting Edge Data Mgmt

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AI-ML-Analytics-NLP Fundamental Courses

1. AI-ML Primer
   - ML Vs BI Reporting
   - Supervised vs un-supervised Machine Learning
   - Reinforcement Learning
   - Basic ML Algos: Linear Regression, Logistic Regression, Clustering, Decision Tree
   - Optimization Techniques:
     * Linear Programming, Goal Programming, Integer Programming
     * Genetic Algorithms
     * Ant Colony Optimization / Swarm Intelligence
   - AI discussion over CNN, RestNet and other DL Alogs
   - Model validation
   - Data Visualization
   - Industry Use-Case discussions
   - Team-Work: AI-ML Ideation
   - Planning for AI-ML Culture
   - Sensitizing AI-ML: Ethics

2. AI-ML Over Azure
   - Applied Statistics for ML
   - Data prep over Cloud
   - Data cleansing & Engineering
   - Basics of ML Thinking
   - Python Labs
   - Supervised & Unsupervised Modeling
   - Testing of Models
   - Team DS process
   - Basics of AI
   - Modern ML-AI over Azure
   - Experiments over Azure
   - Operationalization of ML
   - Deep Learning
   - Gradient descend optimizations
   - Ethics in AI

3. DeltaLake & LakeHouse
   - What is the new Data Revolution?
   - Ideating the modern data management use-cases
   - Why DataWarehouses and DataLakes are not good enough?
   - Introduction to DeltaLake
   - What problems to DeltaLakes solve
   - Why invest in DataBricks Ingest?
   - Advantages of LakeHouse
   - Solutioning for the disruptive data-management architectures
   - The first use-case formulations

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AI-ML-Analytics-NLP Fundamental Courses

**Python 4**

- **Data Science Using Python**
- Duration: 40 hrs.

**AI 5**

- **AI Using Keras & Tensorflow**
- Duration: 40 hrs.

**NLP 6**

- **NLP Using Python**
- Duration: 40 hrs.
AI-ML-Analytics-NLP Fundamental Courses

**Python 101**
- Philosophy of Python
- Python Syntax - Variables, Data Structures, Classes, Functions
- Introduction to Data Science using Python and library architecture
- Numpy & Pandas
- Handling data
- Regressions & Classifications using Numpy, Pandas, ScikitLearn
- Data Visualization using Python, Pandas, MatPlotLib and Plot.ly

**Artificial Intelligence**
- Introduction to Deep Learning
- Applications of Deep Learning
- Differences between DL & ML
- Image/ video Analytics
  - Convolutional Neural Networks
  - Image & Event Analysis
  - Situation & Behavior Analysis
  - Object, Motion & Style detection
  - Determination of Location
  - Content Analysis & Exploratory Research
- Speech Mining
  - Speech transcription, Phonetics, Tone and Buzz word Search to enhance :
    - Customer Service Performance
    - Service/Product Positioning
- Reinforcement Learning using Recurrent Neural Networks & Deep Q Learning
- Forecasting using LSTM
- Introduction to Generative Adversarial Networks
- Latest Advancements in AI

**Natural Language Processing**
- Topic Modeling
  - Latent Dirichlet Allocation (LDA)
- k-Means Cluster Analysis
- Density Based Spatial Clustering of Application with Noise (DBSCAN)
- Latent Semantic Indexing (LSI)
- Auto abstracting
- Content Analysis
  - Neuro-linguistic programming
- Name Entity Recognition (NER)
  - Spacy
  - Stanford NLP
  - Dbpedia Spotlight
- Text Classification/ Intent Identification/ Sentiment Analysis
  - FastText
  - Convolutional Neural Network (CNN)
- Recurrent Neural Network (RNN)
- Naïve Bayes
- Support Vector Machine (SVM)
Vertical Wise Analytics Training Courses

7. Retail/ CPG Analytics

**Consumer**
- Advanced Consumer Segmentation & Profiling
- Consumer Scorecard on CLTV & Loyalty
- Repeat Purchase & Purchase Basket Analytics
- Response Driven Offer Design
- Response Modeling & Enhanced Campaign Management
- Fraud Detection & Prevention measure
- Customer Experience & Brand Measure

**Product**
- Performance Analysis & Category Management
- Product Assortment Optimization & Shelf Space Allocation
- Market Mix Modeling
- Price Elasticity & Pricing Optimization

**Operation**
- Real Estate/Store location Optimization
- Supply Chain Analytics
- Integrated Forecasting & Workforce Analytics
- Localization & Clustering

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8. Telecom Analytics

Subscriber
- Subscriber Segmentation & Profiling
- Micro segmentation
  - Recharge
  - Mobile data pattern
- Prediction:
  - Churn
  - Survival period
  - Secondary SIMer
- Fraud Risk Management
  - Source
  - Collection
  - Recovery scorecard
- Propensity Modeling
  - NBO (Next Best Offer)
  - VAS

Network
- Proactive Network Monitoring
- Optimal Usage Analysis
- Network Capacity & Scalability
- Revenue Leakage Analysis

Marketing & Sales
- Response Modeling
- Real Time Marketing Actions with Targeted Campaign management
- Customer Experience & Brand Measure

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9. Actuarial Analytics

Risk & Financial Performance
- Predictive Risk Scoring
- Fraud Detection, Claims & Renewal Analytics
- Collection & Recovery Analytics
- Portfolio growth & Profitability Analysis

Customer
- Customer Lifetime Value
- Segmentation & Profiling
- Persistency Prediction & Multi-Channel Campaign Management
- Customer ‘Response mining’ towards Need, Sentiment & Loyalty Analysis

Marketing & Sales
- Channel Effectiveness & Sales Force Analytics
- Smart Sell (Up and/ or Cross Sell Propensity) Analysis
- Market Mix Modeling & Media Effectiveness Analysis

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10. Retail Banking Analytics

Risk Management
- Online Dashboards With Lag & Lead KPIs
- Credit Rating & Risk Models
- Time Series analysis & Survival Models
- Basel III Analytics
- Risk Assessment Models
- Predict Defaulters for Pre-emptive Actions

Customer
- Customer Life-Time Value, Segmentation & Profiling
- Customer Behavior Mining on ‘earn, spend, balance & risk appetite’
- Predict Propensity to Churn & Survival Analysis
- Customer Sentiment & Loyalty Analysis
- Determine Reward & Redemption Behavior

Marketing & Sales
- Channel Effectiveness & Channel- mix modeling
- Sales Force Analytics
- Smart Sell (up and/or cross sell) Propensity Analysis
- Customized Campaign Design & Management
- Media Effectiveness Analysis
Vertical Wise Analytics Training Courses

11. Manufacturing Analytics

Process & Supply Chain
- Process & Quality Analysis
- Vendor Performance Management With Key Driver Analysis
- Warranty Analysis with Reliability Estimation & Claim
- Predictive Maintenance Analysis & Workforce Scheduling
- Distribution & Route Optimization
- Demand Planning and Inventory replenishment
- Optimization Analysis of Distribution & Route

Merchandizing
- Demand Forecasting, SKU Rationalization & Portfolio Returns.
- Pricing Analytics by SKU
- Assortment Planning to Ensures the Right Product Mix in Every Channel & Category

Marketing
- Media Effectiveness Analytics
- Customer Satisfaction & Brand Measure
- Market Mix Modeling

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**12. Marketing Analytics**

- Product usage & product portfolio analysis with Demand Forecasting
- Feasibility study for new product entry
- Product Innovation & Quality Analysis
- Market Basket Analysis for Product Positioning & SKU Analysis
- Price Elasticity Modeling & Profitable Pricing Strategy Driver Analysis

**Advanced Customer Segmentation & Profiling:**
- Geo-demographics, Usage based, Lifestyle Attitudinal base, Behavioral, Psychological
- Customer
  - Potential & Lifetime value (CLTV) Scorecard
  - Churn Prediction Model & Survival Analysis
  - Experience Measure & Satisfaction Index
  - Loyalty Index & Loyalty Program Effectiveness Analysis
- Campaign Scorecard & ROI Measure With Response Modeling

**Market Opportunity Mapping & Feasibility Study With Volume Forecast**
- Market & Media mix modeling
- Brand awareness, perception audit monitoring & brand equity analysis
- Promotion evaluation & tracking
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13. Sales Analytics

- Sales performance monitoring, Pipeline & Cycle time analysis
- Sales forecasting, New lead Opportunity Identification & analysis
- Share-of wallet Analysis
- Smart sell (cross sell/up sell) Propensity Model
- Sales force effectiveness measurement & optimization
- Sales Incentive Design & Optimization
- Sales channel efficiency measure & distribution analysis
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14. Customer Service Analytics

- Predict Customer Behavior & Determine ‘Agony Threshold’
- Resolution improvement analysis & optimization
- Service trend analysis & agent effectiveness model
- Determine Net promoter Score, Sentiment & Performance Analysis
- Customer profiling, fraud detection & risk prediction
- Analysis of ‘Cost of Service’ and reduction opportunity identification
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15. Operations & Supply Chain Analytics

- Operation & Process Optimization Analysis
- Performance & Productivity Analysis towards Capacity Planning
- Process Quality analysis
- Supply & Demand Analysis
- Strategic Sourcing, Procurement Cycle Time & Spend Analysis
- Inventory Availability & Requirement Forecasting
- Order linearity & fulfillment status analysis
- BOM & Other Expenses Analysis
- Supplier Performance Analysis
- Optimum Scheduling Modeling
Horizontal Wise Analytics Training Courses

16. Human Resources Analytics

- Recruitment & Compensation Analytics
- Retention Analytics
- Workforce Analytics
- 360 Degree Performance Assessment & Evaluations
- Capacity Optimization Modeling
- Employee Satisfaction & Sentiment measure
17. Financial Analytics

- Financial Performance Trend With Lead KPIs
- A/R & A/P Analysis
- P&L Analysis & Expense Management
- Cash flow Analysis & Forecasting
- Collection Analysis & Optimization
- Financial ratio analysis, break-even analysis, NPV & IRR analysis
- Future Loss Reserve Estimation
- Portfolio Stress Testing & Portfolio Attrition Analysis
Horizontal Wise Analytics Training Courses

18. Digital Analytics

- Click Stream & On-line traffic Analytics
- Conversion & Content Analytics: Attribution Modelling
- ‘Noise of Consumer’ & Sentiment Analytics
- Visitors’ Web behavior Mining
- Tailor Topic & Buzz word Classification
- Brand Measure & Perceptual mapping
- Satisfaction Measure & NPS Score
- Media Effectiveness Measure by source
- Brand Promoter –Mass -Distraction prediction
RPA Certification Courses

Automation Anywhere
19 Certified Course
Real-life Industry RPA projects

Blue Prism
20 Certified Course
Real-life Industry RPA projects

UiPath
21 Certified Course
Real-life Industry RPA projects

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19. Automation Anywhere

What Is Robotic Process Automation?
Automation Anywhere's Robotic Process Automation
Automation Anywhere Tool Architecture
Automation Anywhere Component Architecture
Automation Anywhere Installation
Automation Anywhere Tool Configuration With Database
Automation Anywhere Tool Demo
Understanding Recorder Features
Screen Recorder
Web Recorder
Smart Recorder
Understanding Task Editor
Understanding Variable Manager & Its Properties
Task Editor Properties
Creating & Managing Task
Creating & Managing Variables
Control Room Process Execution

Understanding App Integration
Database Command
Delay or Wait Command
Web Recorder Commands
Logging and Email Automation
Log To File Command
Error Handling
Excel & CSV
Files & Folders Command
Understanding FTP/SFTP
Understanding IF/ELSE
Understanding Image Recognition
Keystroke Command
Loop Command

Managing Control Room
Managing Repository
Scheduling Task
User, Role & Permission
Understanding Credentials Manager
Workflow Designer
BOT deployment and best practices
RPA ROI Calculation
Automation Anywhere Live Project Assignments

Manage Windows Control
Object Cloning Command
OCR Command
Open/Program File Command
PDF Integration
Prompt Command
Web Service Command
Run Script Command
String Operation Command
Run Task Command
Terminal Emulator Command
Variable Operation Command
Windows Action Command
XML Command
Other Advanced Controls

Practical Projects
Amazon Data Extraction
Windows Data Entry Operations
Invoice PDF Automation
Automated Email Operation
Calculator Automation
CSV Data Extraction
Notepad Automation

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# RPA Certification Courses

## 20. Blue Prism

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<th>Advancing Blue Prism</th>
<th>Blue Prism Robot Installation &amp; Configuration</th>
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<td>Control Room Execution</td>
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</table>

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RPA Certification Courses

21. UiPath

UiPath Fundamentals
- UiPath - Robotic Process Automation Introduction
- UiPath Platform Architecture
- UiPath Platform Components
- UiPath Tool Editions & Versions
- UiPath Tool Hardware & Software Requirements
- UiPath Tool Installation
- UiPath Tool Demo

Understanding UiPath Development Studio
- Understanding UiPath Studio
- Understanding UiPath Project
- Understanding UiPath Project Structure
- Create a Basic flowchart
- UiPath Activities
- UiPath Activities Practical
- UiPath Automation Debugging
- UiPath Variable Panel & Management
- UiPath Variable Practical
- UiPath Arguments Panel & Management
- UiPath Arguments Practical

UiPath Process Execution & Orchestrator
- Understanding UiPath Orchestrator
- UiPath Orchestrator Console Overview
- UiPath Orchestrator Installation & Configurations
- Connecting the Local Robot to Orchestrator
- Creating Environments
- Configuring Mail Options
- Configuring Security Options
- Deploying & Monitoring Process Executed By Multiple Robots
- Managing Package Versions
- Managing & Stopping Process
- UiPath Studio Practical Scenario & Assignments : Set 12
- UiPath Schedulers
- Understanding & Managing Logs
- UiPath Assets Management
- UiPath Queues
- UiPath Audit Management
- UiPath User Management
- UiPath Studio Practical Scenario & Assignments
Cloud Certification Courses

Azure Training
22
Developing MS Azure Solutions & Implementing
Duration: 40 Hrs

Azure Admin
23
MS Azure Infrastructure & Deployment, Integration & Security

Azure Developer
24
MS Azure Developer Core & Advanced Solutions

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Cloud Certification Courses

- **Azure Architect**
  - 25
  - Microsoft Azure Architect Technologies & Design

- **AWS Architect**
  - 26
  - AWS Training
  - Duration: 40 hrs

- **Virtualization Engineer**
  - 27
  - VMWare
  - Duration: 40 hrs

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Cloud Certification Courses

22. Microsoft Azure Training

Developing Microsoft Azure Solutions

• Module 1: Overview of the Microsoft Azure Platform
• Module 2: Building Application Infrastructure in Azure
• Module 3: Hosting Web Applications on the Azure Platform
• Module 4: Storing SQL Data in Azure
• Module 5: Designing Cloud Applications for Resiliency
• Module 6: Storing Tabular Data in Azure
• Module 7: Storing and Consuming Files from Azure Storage
• Module 8: Designing a Communication Strategy by Using Queues and Service Bus
• Module 9: Automating Integration with Azure Resources
• Module 10: Securing Azure Web Applications

Implementing Microsoft Azure Infrastructure Solutions

• Module 1: Introduction to Azure
• Module 2: Implementing and managing Azure networking
• Module 3: Implementing virtual machines
• Module 4: Managing virtual machines
• Module 5: Implementing Azure App services
• Module 6: Planning and implementing storage, backup, and recovery services
• Module 7: Planning and implementing Azure SQL Database
• Module 8: Implementing PaaS cloud services
• Module 9: Implementing Azure Active Directory
• Module 10: Managing Active Directory in a hybrid environment
• Module 11: Implementing Azure-based management and automation
Cloud Certification Courses

23. Microsoft Certified Associate: Azure Administrator

1. Manage Subscriptions and Resources
   - Module 1: Managing Azure Subscriptions
   - Module 2: Access Management for Cloud Resources
   - Module 3: Monitoring and Diagnostics
   - Module 4: Log Analytics
   - Module 5: Azure Resource Manager
   - Module 6: Azure Tips, Tricks, and Tools

2. Implementing and Managing Storage
   - Module 1: Overview of Azure Storage
   - Module 2: Storage Services
   - Module 3: Securing and Managing Storage
   - Module 4: Storing and Accessing Data
   - Module 5: Monitoring Storage

3. Deploying and Managing Virtual Machines
   - Module 1: Overview of Azure Machines
   - Module 2: Creating Virtual Machines
   - Module 3: Deploying Virtual Machine Images
   - Module 4: Configuring Virtual Machines
   - Module 5: Configuring Availability & Extensibility
   - Module 6: Managing & Monitoring Virtual Machines

4. Configuring and Managing Virtual Networks
   - Module 1: Azure Virtual Networks
   - Module 2: Azure DNS
   - Module 3: Securing Virtual Network Resources
   - Module 4: Connecting Virtual Networks

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# Cloud Certification Courses

## 24. Microsoft Certified Associate: Azure Developer

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<th>1. Select the appropriate Azure technology development solution</th>
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<td>• Module 2: Design for hybrid technologies</td>
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<td>• Module 2: Develop solutions that use Azure Cosmos DB storage</td>
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<td>• Module 3: Develop solutions that use file storage</td>
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<td>• Module 4: Develop solutions that use a relational database</td>
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<td>• Module 5: Develop solutions that use Microsoft Azure Blob storage</td>
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<td>• Module 6: Develop for caching and content delivery solutions</td>
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<th>3. Develop Azure Platform as a Service Solutions</th>
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<tbody>
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<td>• Module 1: Creating App Service Web Apps</td>
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<td>• Module 2: Creating mobile apps</td>
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<td>• Module 3: Creating an app service Logic App</td>
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<td>• Module 4: Creating an app or service that runs on Service Fabric</td>
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<td>• Module 5: Creating Azure Functions</td>
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<td>• Module 6: Scheduling bulk operations</td>
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<td>• Module 7: Create solutions that use Azure Kubernetes Service</td>
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<td>• Module 8: Developing apps for Azure Media Services</td>
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<td>• Module 3: Implementing secure data solutions</td>
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Cloud Certification Courses

25. Microsoft Certified Associate: Azure Solution Architect

1. Deploying and Configuring Infrastructure
   - Module 1: Managing Azure Subscriptions & Resources
   - Module 2: Implementing & Managing Storage
   - Module 3: Deploying & Managing Virtual Machines (VMs)
   - Module 4: Configuring & Managing Virtual Networks
   - Module 5: Managing Identities

2. Implementing Workloads & Security
   - Module 1: Evaluating & Performing Server Migration to Azure
   - Module 2: Implementing & Managing Application Services
   - Module 3: Implementing Advanced Virtual Networking
   - Module 4: Securing Identities
   - Module 5: Monitoring Storage

3. Understanding Cloud Architect Technology Solutions
   - Module 1: Selecting Compute and Storage Solutions
   - Module 2: Hybrid Networking
   - Module 3: Measuring Throughput and Structure of Data Access

4. Creating and Deploying Apps
   - Module 1: Creating Web Applications using PaaS
   - Module 2: Creating Apps and Services Running on Service Fabric
   - Module 3: Using Azure Kubernetes Service
   - Module 4: Implementing Authentication & Secure Data

5. Developing for the Cloud
   - Module 1: Developing Long-Running Tasks & Distributed Transactions
   - Module 2: Configuring a Message-Based Integration Architecture
   - Module 3: Developing for Asynchronous Processing
   - Module 4: Developing for Autoscaling
   - Module 5: Developing Azure Cognitive Services Solutions
## Cloud Certification Courses

### 26. AWS Architect

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#### Identity Access Management (IAM)
- User Creation
- Group Creation
- Roles
- Policy
- Encryption
- Account settings
- Activation MFA

#### AWS Object Storage S3, Glacier and CDN
- S3 Buckets
- Versioning
- Cross Region Replication
- Lifecycle Management & Glacier
- Security & Encryption
- CloudFront CDN
- Storage Gateway
- Snowball
- Transfer Acceleration
- Static website using S3

#### Elastic Compute Cloud (EC2)
- Launching EC2 Instances
- EBS Volumes
- Upgrading EBS Volumes
- AMI
- Instance Volume Vs EBS
- Security Groups
- Elastic Load Balancer
- CloudWatch
- CLI & Regions
- EC2 Bootstrap Scripts
- Ec2 Metadata
- Autoscaling
- Placement Groups
- EFS
- Lambda
- Elastic IP

#### VPC
- Create Custom VPC
- Network Address Translation (NAT)
- NACL VS Security Groups
- VPC Flow Logs
- NAT & Bastion
- VPC end points

#### Databases RDS
- DynamoDB
- RedShift

#### Application Services
- Elastic Transcoder
- Kinesis

#### Route 53 DNS
- Register A Domain Name
- Simple Routing Policy
- Weighted Routing Policy
-Latency Routing Policy
- Failover Routing Policy
- Geolocation Routing Policy
-Multivalue Routing

#### AWS Object Storage S3, Glacier and CDN
- S3 Buckets
- Versioning
- Cross Region Replication
- Lifecycle Management & Glacier
- Security & Encryption
- CloudFront CDN
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### Course Objectives
- Describe the software-defined data center
- Explain the vSphere components and their function in the infrastructure
- Deploy an ESXi host
- Deploy VMware vCenter® Server Appliance™
- Use a local content library as an ISO store and deploy a virtual machine
- Describe vCenter Server architecture
- Use vCenter Server to manage an ESXi host
- Configure and manage vSphere infrastructure with VMware Host Client™ and VMware vSphere® Web Client
- Describe virtual networks with vSphere standard switches
- Configure standard switch policies
- Use vCenter Server to manage various types of host storage: VMware vSphere® VMFS, NFS, iSCSI, and RDM
- Examine the features and functions of Fibre Channel and VMware vSAN™
- Manage virtual machines, templates, clones, and snapshots

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### Course Objectives
- Create, clone, and deploy a vApp
- Describe and use the content library
- Migrate virtual machines with VMware vSphere® vMotion®
- Use VMware vSphere® Storage vMotion® to migrate virtual machine storage
- Monitor resource usage and manage resource pools
- Use esxtop to identify and solve performance issues
- Discuss the VMware vSphere® High Availability cluster architecture
- Configure vSphere HA

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### Course Module
- Module 1: Course Introduction
- Module 2: Introduction to vSphere and the Software Defined Data Center
- Module 3: Creating Virtual Machines
- Module 4: vCenter Server
- Module 5: Configuring and Managing Virtual Networks
- Module 6: Configuring and Managing Virtual Storage
- Module 7: Virtual Machine Management
- Module 8: Resource Management and Monitoring
- Module 9: vSphere HA, vSphere Fault Tolerance, and Protecting Data
- Module 10: vSphere DRS
- Module 11: vSphere Update Manager
Cybersecurity Certification Courses

- Ethical Hacking
  - Certified Ethical Hacking
  - 28
- CS Analyst
  - Cyber Security Analyst
  - 29
- CISA
  - Certified Information Systems Auditor
  - 30

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<td>• Foot printing and Reconnaissance</td>
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<td>• Scanning Networks</td>
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<td>• Enumeration</td>
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<td>• System Hacking</td>
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<td>• Session Hijacking</td>
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<td>• Hacking Web servers</td>
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<td>• Vulnerability Analysis</td>
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<td>• Hacking Web Applications</td>
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<td>• SQL Injection</td>
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<td>• Evading IDS, Firewalls and Honey pots</td>
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<td>• Hacking Mobile Application Platforms</td>
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<td>• SOC Infrastructure</td>
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<td>• Log management</td>
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<td>• SIEM Architecture</td>
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<td>• Logs and Events</td>
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<td>• Aggregation and normalization</td>
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<td>• Event Collection and Event Correlation</td>
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<td>• Correlation Rules</td>
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<td>• AlienVault SIEM</td>
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<td>• Incident Management</td>
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<td>• Incident Response Plan</td>
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<td>• Incident Response Handling Steps</td>
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<td>• Incident Response Team</td>
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<td>• IT Governance/ Management</td>
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<td>• Information Systems Implementation/ Operations</td>
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<td>• Identity and Access Management</td>
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<td>• Network and End-Point Security</td>
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<td>• Data Classification</td>
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<td>• Virtualized Environments</td>
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<td>• Security Event Management</td>
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<td>• Business Resilience</td>
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<td>• Business Impact Analysis (BIA)</td>
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<td>• System Resiliency</td>
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<td>• Data Backup, Storage, and Restoration</td>
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<td>• Business Continuity Plan (BCP)</td>
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<td>• Disaster Recovery Plans (DRP)</td>
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Thank You

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