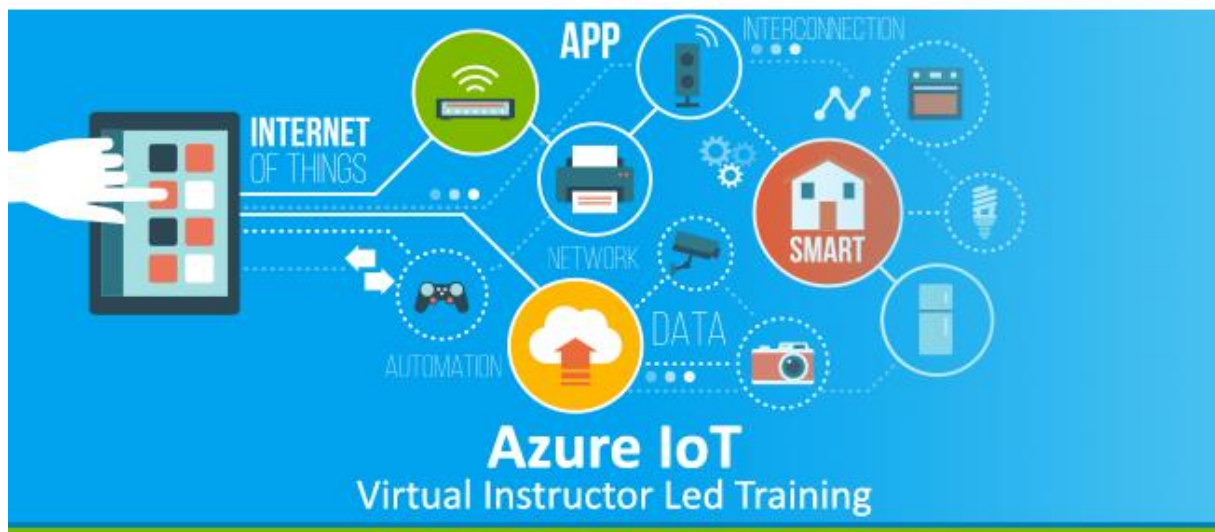




Scheduled to be held from June 3rd – June 13th, 2019, this program would provide you an opportunity to get started with Azure IoT. Azure has a robust family of IoT services to create real world saleable IoT solutions. Participants will understand with examples on how these Azure services play a role in a modern IoT solutions and how they fit in Lambda Architecture

Azure IoT Training

Program Prerequisites

Participants should have fundamental knowledge of Azure



Webinar Schedule

All Webinar will be conducted from
3:00 PM to 04:15 PM IST

[Check Your Timezone](#)

Introduction to Azure IoT

- World of IoT
- Family of Azure IoT services
- Lambda Architecture on Azure
- **Hands on:** Setting up Azure Subscription
- **Hands on:** Working with Azure Storage Services
- **Hands on:** Setting up Pi Simulator



03rd June

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04th June

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Data Ingestion and Storage

- Azure IoT Hub
- Device Registration
- Data Streaming
- Service Inputs and Outputs
- Azure Data Lake Store
- Azure Cosmos DB
- NoSQL Database Systems
- MongoDB APIs
- **Hands-on:** Creating Azure IoT Hub
- **Hands-on:** Registering a Device Securely
- **Hands-on:** Storing Sensor Data

Real-time Analytics with Azure IoT

- Azure Stream Analytics
- Service Inputs and Outputs
- Stream Analytics Job
- Windows Functions
- Querying Data
- Azure Time Series Insights
- Interactive Querying Engine
- Time Series Insights Explorer
- Root Cause Analysis and Anomaly Detection
- **Hands-on:** Integrating Azure IoT Hub with Azure Stream Analytics and Querying real time data
- **Hands-on:** Configuring Time Series Insights and Visualizing data



06th June

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07th June

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Azure IoT Solution Accelerators

- IoT Solutions
- Remote Monitoring
- Connected Factory
- Predictive Maintenance
- Device Simulation
- Solutions Accelerators
- Deployment Options
- Connected Factory Architecture
- Deployment of Connected Factory Solutions
- **Hands-on:** Deploying Connected Factory Solution on Azure

Edge computing with Azure

- Azure IoT Edge
- IoT Gateways
- Edge Agent and Hub
- IoT Edge Modules
- Deployment Manifest
- Azure IoT Edge Security
- Azure Functions
- Azure ML with Edge
- MX Chip
- Azure Sphere
- **Hands-on:** Performing real time Analytics with Azure Stream Analytics module in Azure IoT Edge



10th June

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11th June

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Azure IoT Central

- Fully Managed IoT SaaS
- IoT Central Architecture
- UI Shell o Cloud Gateway
- Reporting o Rules and Actions
- Metadata Management
- Time Series and App Data Store
- RBAC and Security
- Device Templates
- Device Management with IoT Central
- Actions and Accessibility
- Data Exporting and Dashboard
- **Hands-on:** Managing devices using IoT Central

Visualization and Dashboarding for real-time IoT data

- Dashboarding for IoT solutions
- PowerBI integration with Azure IoT solution
- Components of PowerBI Dashboard
- Configuring PowerBI
- **Hands-on:** Performing real time Analytics with Azure Stream Analytics module in Azure IoT Edge



13th June

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Who Should Attend?



Cloud and IoT
Professionals



Embedded
Developers



Digital Transformation
Professionals



FullStack IoT
Developers

Key Takeaways



Self-learning
resources



Get insight to new
Role based learning



Hands-on learning
guidance



Know and avoid
common mistakes



Interactive
Q&A

About The Trainer

- Sr. Solutions Architect for Cloud & IoT with 10+ years of experience
- Successfully trained more than 4000+ Professionals on Azure, IoT and AI Platform
- Microsoft Certified Trainer, MCSA in Cloud Data Platform, MCSD in Azure, MCT in Machine Learning

Jumpstart your career as an Azure IoT Professional!

