



INTERNET OF THINGS (IOT) FUNDAMENTALS - COURSE SYLLABUS

Overview of Internet of Things

- What is Internet of Things?
- Why to learn IoT?
- Growth in IoT
- History of IoT
- The Power of IoT
- How an IoT System Actually Works
- Fundamental components of an IoT system

Sensors & Devices

- Overview of Sensors and Devices
- Hardware Capabilities
- Scaling & Operations
- Manufacturing & Shipping
- Gateways

Connectivity

- An Introduction to Connectivity
- Cellular
- Satellite
- WiFi
- Bluetooth

Data Processing

- Introduction to the Cloud
- Introduction to the IoT Platform
- API's

User Interface & User Experience in IoT

- Introduction to UIs & UX for IoT
- Key Considerations for UIs
- API's

More about IoT

- IoT Applications



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Training Provider for IT and Certification Courses

- Challenges of Internet of Things (IoT)
- Advantages of IoT
- Disadvantages of IoT

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