

Blockchain for Business Professionals

Course Content –

Module 1: What is Blockchain

- Technology Overview
- History of Blockchain
- Cryptocurrencies (Bitcoin) & Blockchain

Module 2: Non-Technical Technology Overview

- Cryptography for Executives
- Key Concepts of Public Ledgers
 - Hashes, Block Hashes
 - Distributed & Peer to Peer Technologies
 - Digital Tokens or Smart Contracts
 - Bitcoin Mining
- Authorization & Authentication
- Security

Module 3: Benefits of Blockchain – Myths & Facts

- Value of Blockchain
- Value of Smart Contracts
- Role & Value of Digital Tokens
- Common misconceptions about Blockchain
- Limitations

Module 4: Use Cases

- When is it appropriate or not appropriate to use Blockchain
 - Digital Wallets & Payment Systems
 - Money Transfers
 - Transaction Tracking & Management
 - Record Keeping
 - Asset Management
 - Financial Settlements
 - Securities Transactions
 - Contracts

Module 5: Industry Adoption

- Who is using it and for what?
- Financial Services Industry
- Banking Industry
- Securities & Trading Industry
- Real Estate Industry
- Education
- Technology Industry
- Legal Industry
- Insurance
- Healthcare
- Supply Chain
- Manufacturing
- Retail
- Governments

Module 6: Implementation

- How do I get started?
 - Requirements Definition & Business Use Case
 - Proof of Concept Development
 - Tools & Technology Infrastructure
 - Deployment Strategy
- Costs – What does it cost to use this technology

Module 7: Future of Blockchain

- What is its future
- Industry by Industry Outlook