Blockchain Foundation + exam Curriculum

Module 1: Blockchain Basics

- Introduction to Blockchain Technology

- Key Features: Decentralization, Transparency, and Immutability

- Blockchain Architecture: Blocks, Transactions, and Nodes

Module 2: Blockchain Operations

- Basics of Distributed Ledger Technology (DLT)

- Cryptography in Blockchain: Hashing and Digital Signatures

- Consensus Mechanisms: Proof of Work (PoW) and Proof of Stake (PoS)

Module 3: Types of Blockchain Networks

- Public, Private, and Consortium Blockchains

- Key Differences and Use Cases

Module 4: Blockchain Applications and Use Cases

- Blockchain in Financial Services: Cryptocurrencies and Payments

- Blockchain in Healthcare: Data Privacy and Security

- Blockchain in Supply Chain Management

Module 5: Benefits and Challenges of Blockchain

- Advantages: Security, Transparency, and Decentralization

- Challenges: Scalability, Energy Consumption, and Adoption

Module 6: Preparing for the Certification Exam

- Exam Structure and Format

- Key Topics and Sample Questions

- Tips for Success

Module 7: Certification Exam

- Comprehensive Online Exam Testing Blockchain Knowledge

- Instant Results and Certification Issuance

Key Features of Blockchain Foundation + Exam

- **Beginner-Friendly Curriculum**: Designed for participants with no prior blockchain experience.

- **Comprehensive Coverage**: Covers blockchain fundamentals, applications, and key concepts.

- **Certification Exam Included**: Test your knowledge and earn a globally recognized certification.

- **Real-World Use Cases**: Learn how blockchain impacts industries like finance, healthcare, and more.

- **Expert-Led Training**: Delivered by experienced professionals in blockchain technology.