

Certificate in Blockchain Technology

[eLearning]



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About the course

The world of computing is at a stage of evolution that is very complex and unpredictable. It is no longer being completely driven by large enterprises, it is also being driven in part by individuals and end users.

Blockchain is a disruptive force in multiple areas of the business enterprise, business to individual, governance and social transactions. It prompted the genesis of Bitcoin, a completely decentralized digital payment system about nine years ago and is now being proposed as an organized solution to a large set of problems facing business and society. Today is a unique stage in the growth of blockchain technology, as the industry and experts are visualizing various use cases that are made possible by blockchain.

This certification course is suitable for technology and business professionals who want to understand the methodology of blockchain and its application across industries. The core concepts and blockchain platform, its growth and evolution and all the use cases it is relevant to are discussed in detail. At the same time all the foundational elements of building applications on Ethereum, Hyperledger and Quorum are presented. The code samples that are demonstrated are available with the course content for download.

Course deliverables

- ▶ 10+ hours of learning videos
- ▶ Presentations
- ▶ Online Assessment
- ▶ Certificate of completion
- ▶ Query support through email
- ▶ Six months of LMS access

Benefits of the course

The program will help the participants to:

- ▶ Understand core concepts of blockchain technology and platform
- ▶ Build applications on Ethereum, Hyperledger and Quorum
- ▶ Integrating applications with blockchain technology
- ▶ Understand the concept of smart contracts and its usage
- ▶ Understand public blockchain vs. private blockchain
- ▶ Gain knowledge on the usage of blockchain technology across various domains

Who should take this course?

- ▶ Business professionals who want to understand the relevance of blockchain
- ▶ Technology professionals from other domains who wish to upskill
- ▶ CTO/CEOs who have blockchain strategy on their roadmap and wish to examine the platforms available
- ▶ Fresh graduates and young professionals
- ▶ Mid-level managers



Course coverage

- ▶ Understand the building blocks of blockchain systems
- ▶ Create a demonstration blockchain pseudocode
- ▶ Understand the core propositions of popular industry platforms like Ethereum, Hyperledger and Quorum
- ▶ Setup these platforms for building integrated applications
- ▶ Understand the revolutionary smart contract concepts on Ethereum and Hyperledger
- ▶ Differentiate the core perspectives of private enterprise blockchain and public blockchain
- ▶ Understand the private transaction concept of Quorum
- ▶ Understand the various use cases on different verticals

Assessment and Certification

EY will award "Certificate of Completion" to participants at the end of the program.

- ▶ Assessment would be based on MCQ's
- ▶ Participant needs to achieve a minimum score of 50% to pass the exam
- ▶ All participants who meet the above criteria would be awarded a certificate of completion

Contact

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- ▶ Certificate in Exploratory Analytics in Python
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 - ▶ Certificate in Lean Six Sigma Green Belt
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 - ▶ Certificate in Artificial Intelligence and Machine Learning in Python
 - ▶ Certificate in Ind AS
 - ▶ Certificate in IFRS



About EY Learning Solutions

In today's testing business environment, with organizational transformation and regulatory change constant features, a flexible and cost-effective workforce is critical. High-quality training is a crucial element of innovative talent management, to improve performance and ensure that your teams can respond to today's challenges and are equipped for career success.

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