



Digital Transformation and Innovation

## **Blockchain Technologies: Business Innovation and Application**

## Course Introduction

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Blockchain is a game changing technology that is driving exponential growth in the business processes to keep pace with the speed of business, transparency, traceability and reduced costs. All companies will need to start preparing for the greatest technology innovation since the creation of the world wide web. They need a blockchain strategy that will keep them competitive as they lower costs and increase efficiencies.

This course is designed to provide participants with the essential concepts behind blockchain technology, how it is changing the business field, and the latest application and innovations present in industries. In addition, it seeks to provide participants with the insights on how to best leverage and exploit blockchain for business project, organization or start up.

## Target Audience

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This training course is beneficial for professionals seeking to gain a deeper understanding of blockchain technology, and its long-term implications for business.

## Learning Objectives

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At the end of the training course, participants will be able to:

- Explore and gain an in-depth understanding of the concept of blockchain technology through an economic perspective

- Identify the possibilities and limitations of blockchain technology, and evaluate its long-term implications for your business
- Recognize the two key costs significantly lowered by blockchain technology: the cost of verification and the cost of networking
- Develop a blockchain-based solution to address current business problem.

## Course Outline

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- **Day 01**

- **MODULE 1: AN INTRODUCTION TO BLOCKCHAIN TECHNOLOGY**

- Learn how to think about problems that may require a blockchain by dispelling some common misconceptions about the technology and comparing it to other general-purpose technologies.

- **MODULE 2: BITCOIN AND THE CURSE OF THE DOUBLE-SPENDING PROBLEM**

- Evaluate Bitcoin as a specific application of blockchain technology that solves a meaningful problem.
  - Analyze this cryptocurrency as a store of value, medium of exchange, and unit of account.

- **Day 02**

- **MODULE 3: COSTLESS VERIFICATION: BLOCKCHAIN TECHNOLOGY AND THE LAST MILE PROBLEM**

- Discover how blockchain technology lowers the cost of verification.
  - Consider how blockchain and suitable, complementary technology can be used to solve the last mile problem.

- **Day 03**

- **MODULE 4: BOOTSTRAPPING NETWORK EFFECTS THROUGH BLOCKCHAIN TECHNOLOGY AND CRYPTOECONOMICS**

- Learn about how blockchain technology reduces the cost of networking.
  - Recognize the implications this has for market structure and how it changes the nature of intermediation.

- **Day 04**

- **MODULE 5: USING TOKENS TO DESIGN NEW TYPES OF DIGITAL PLATFORMS**

- Discover how businesses have been using tokens and crypto assets to raise funding and launch new types of digital platforms.

- **Day 05**

- **THE FUTURE OF BLOCKCHAIN TECHNOLOGY, AI, AND DIGITAL PRIVACY**

- Consider how blockchain technology may interact with broader changes in digital platforms, AI, and IoT.
    - Explore the implications of blockchain technology for digital privacy

## Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 14, 2025	Dec. 18, 2025	5 days	4250.00 \$	Qatar - El Doha