€TRAINING

Bitcoin and Cryptocurrency Technologies

1 - 5 September 2024
Online

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Introduction

Cryptocurrency courses offered through Coursera equip learners with knowledge in myths versus facts about the technology; key concepts of blockchain technology; investment options in cryptocurrency, Bitcoin is the name of the best-known cryptocurrency, the one for which blockchain technology was invented.

Course Objectives

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

- Have a strong understanding of what Cryptocurrency technology is.

- Understand what Bitcoin is and how it works.

- Know and use key vocabulary and concepts commonly used when discussing Cryptocurrency and Bitcoin in business situations.

Targeted Audience

- There are no requirements needed to enroll beyond having a business interest in learning how Cryptocurrency and Bitcoin work.

Course Outline

Unit 1:

- Introduction to Crypto and Cryptocurrencies

- How Bitcoin Achieves Decentralization

- Different types of information in real-time to make the best Trading decisions possible

Unit 2:

- Mechanics of Bitcoin

- Bitcoin protocol make the whole system tick

- Bitcoin's consensus mechanism and reason about its security

Unit 3:

- How to Store and Use Bitcoins

- Bitcoin and Anonymity

- Community, Politics, and Regulation

- Alternative Mining Puzzles

Unit 4:

- Altcoins and the Cryptocurrency Ecosystem

- Bitcoin as a Platform

- Analyze historical performance to optimize your performance