

# € TRAINING

Blockchain and Cryptocurrency Benefits



20 - 24 October 2024  
Cairo (Egypt)



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REF: B1748 DATE: 20 - 24 October 2024 Venue: Cairo (Egypt) - Fee: 4095 Euro

## Introduction

The sudden rise in the value of Bitcoin and other cryptocurrencies, and its subsequent decline, focused the world's attention on cryptocurrencies as a means of payment. Blockchain technology powers Bitcoin and has been hyped as the next new, transformative technology.

## Course Objectives

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

- Explain how blockchain works.
- Articulate the key technical aspects, such as decentralization and consensus algorithms.
- Describe the strengths and weaknesses of cryptocurrency as an asset and a payment mechanism.
- Evaluate tradeoffs of blockchain as a business solution

## Targeted Audience

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

## Course Outline

### Unit 1:

- Blockchain as an Asset
- Blockchain as a Business
- the most important ideas and topics in blockchain and crypto

### Unit 2:

- The transaction cost is low to nothing at all
- Using this technology, participants can confirm transactions without a need for a central clearing authority.
- Cryptocurrency operates through the blockchain, as it too is a decentralized, digital system

### Unit 3:

- Speed up and reduce the cost of transactions
- Benefits of traditional currencies by putting the power and responsibility in the currency holders' hands
- Investing in crypto assets is risky, but can be a good investment if you do it properly and as part of a diversified portfolio.

### Unit 4:

- It will create a trusted, unfilterable, uncensorable repository of data and information that is accessible worldwide
- Blockchain offers a tremendous level of security
- Blockchain and Crypto is a storage technology used for saving data on decentralized networks