

# Fintech and Digital Transformation in Banking and Finance

## TRAINING DATASHEET

An instructor-led classroom training relevant for finance professionals who want a solid foundation in the rapidly changing world of fintech and digital banking. FinTech, short for financial technology, refers to an emerging financial services sector that is fast becoming indispensable to financial institutions and is constantly impacting the way we view and use financial products and services.

## COURSE SYNOPSIS

This three-day course aims to provide finance professionals with a solid foundation in the rapidly changing world of fintech and digital banking. FinTech, short for financial technology, refers to an emerging financial services sector that is fast becoming indispensable to financial institutions and is constantly impacting the way we view and execute financial transactions. This course will be pivotal in helping participants grasp the basics of fintech, navigate the mechanisms that facilitate it and comprehend the inevitably complex issues and intricacies that it brings.

Benefits of the workshop are:

- Understand the technologies that are impacting the economy, especially banking
- Theoretical understanding of artificial intelligence (AI), the blockchain and Internet of Things (IoT) within FinTech
- Broad applications grasp of technical/process solution to existing pain points
- Develop business use case to develop/improve a new/existing product
- Develop a competitive corporate strategy through innovative thinking
- Significantly reduce business costs and improve efficiencies

## COURSE DURATION

3 Days Instructor-Led Classroom Training

## COURSE OBJECTIVES

On completion of this course, the following learning outcomes will be achieved:

- ▲ Understand and Apply AI, Blockchain and IoT Concepts in FinTech
- ▲ Analyze information to clearly overcome problems in banking
- ▲ Understand and Apply Use Cases to generate new ideas and solutions
- ▲ Understand the trends towards digital disruption and innovation
- ▲ Think progressively and pursue digital transformation
- ▲ Create a plan for implementing, evaluating and following up on ideas

## WHO SHOULD ATTEND

The target audience for this course and qualification are:

- ▲ Individuals interested in the current disruptive trends and keeping abreast of technology shifts and their specific use cases
- ▲ Banks, corporations and financial institutions to enable them to remain competitive through understanding innovative new technology that is disrupting every sector of the economy
- ▲ Directors, Economists, Program Managers, Finance Professionals, Technologists

## OUTLINE

- ▲ Digital Disruption and the Fintech Landscape
  - Overview of the changes happening in finance
  - Why is finance being transformed today?
  - Examples of the latest fintech innovations
  - Categories of FinTech
- ▲ Different Types of Disruption
  - The importance of technology in finance
  - How it impacts finance
  - How digital disruption will shrink the role of banks
  - Getting a grip on the Mobile Revolution
  - Artificial Intelligence (AI)
  - Big Data Analytics
  - Internet of Things (IoT)
- ▲ Artificial Intelligence Systems
  - Collecting data on user behavior and systems around us
  - AI Agents and Decision Theory
  - Predictive analytics
  - Categorization of Information
  - Deep Learning and Neural Networks
  - Integration of internet-enabled devices
- ▲ Blockchain-based Applications
  - Blockchain as Currency
  - Blockchain as Public Registries
  - Blockchain as Clearing and Settlement of Transactions
  - Blockchain as Smart Contracts
- ▲ Finance Use Cases of Technology
  - e-KYC and Onboarding Customers
  - Fraud Detection and Prevention
  - Tokenized Payment Systems
- ▲ AI-Driven and Blockchain-based Financial Applications
  - Asset & Wealth Management
  - Bond Issuance
  - Capital Markets
  - Financial Risk Management
- ▲ Limitations of Digital Technology
  - Business Challenges
  - Governments and Regulatory Challenges
  - Privacy Challenges
  - New Technological Risks
  - Cybersecurity Challenges

## PRE-REQUISITES

There are no prerequisites to attending the Fintech & Digital Transformation in Banking course.

## PRE-COURSE READING

There are no pre-course reading materials required for this course.

## IBF FUNDING ELIGIBILITY

This programme has been accredited under the IBF Standards, and is eligible for funding under the IBF Standards Training Scheme (IBF-STTS), subject to all eligibility criteria being met.

Participants are advised to assess the suitability of the programme and its relevance to participants' business activities or job roles.

Under the Enhanced Training Support Scheme, candidates who are Singapore Citizens or Singapore Permanent Residents could enjoy up to 90% course fee subsidy until 31 December 2021 (subject to updates) capped at S\$7,000 per candidate per programme.

Find out more on [www.ibf.org.sg](http://www.ibf.org.sg).

## IBF ASSESSMENT FORMAT

- ▲ 10 Multiple Choice Questions
- ▲ 1 mark per correct answer
- ▲ 2 Structured Questions with 2 sub-parts each
- ▲ 5 marks available for each sub-part
- ▲ 18 marks required to pass (out of 30 available) – 60%
- ▲ 90 minutes duration
- ▲ Closed-book

## CONTACT US

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