

A set of Courses on

# Financial Technology & Data Analytics

- 10 Certificate Courses
- 130+ Hours of Digital Content
- Access to content on Digital Platforms

## Knowledge Partners



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Course Fee  
**₹25,000/-**  
+ GST

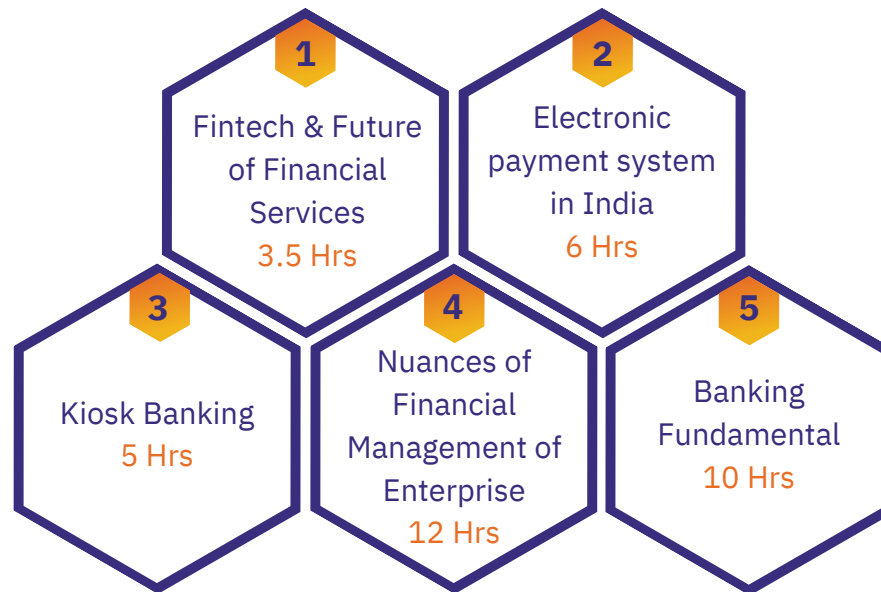
## ABOUT THE COURSE

Immerse yourself in the dynamic world of financial technology and data analytics through these programs offered by the State Bank of India and Grant Thornton Bharat. From understanding the future of financial services and fin-tech space to the electronic payment ecosystem and kiosk banking channels, these programs provide a deep dive into the ever-evolving financial landscape. Whether you're looking to grasp the fundamentals of financial management or seeking advanced skills in data analytics using popular tools like R and Python, these courses cater to a wide range of interests and skill levels. Also, understand how to maximize data optimization by transforming data into business and operational insights.

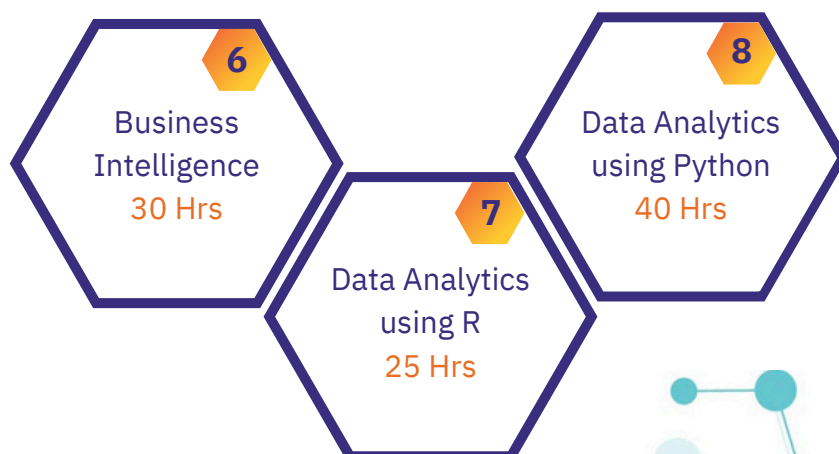


# COURSE LIST

Certificates offered by 



Certificates offered by



Certificates offered by



1

3.5 Hours

# Fintech & Future of Financial Services

Course offered by  **SBI**

**Course Access: 2 Years**

The technological innovations in financial sector also called Fintech are offering new ways for people to save, borrow, invest and transact. Fintech is transforming the channels through which financial services are provided. The digitization of money as observed in recent years has opened new avenues for financial institutions and technology companies to build more inclusive and effective financial services helping in promoting economic development at large.

The primary objective of this course is to help you understand the basic concepts of Financial Technology (FinTech), key players and the emerging trends in Fintech space. The course will provide you overview of the various financial services impacted by Fintech and the latest technologies which are driving the Fintech revolution.

By the end of the course, you will become more confident in your ability to analyze and make decisions on how to react to and embrace Fintech.

## Course Outline

1. Introduction to Fintech
2. New trends in Financial Services
3. Technology driving the Fintech
4. Future of Fintech.



2

6 Hours

# Electronic Payment System in India

Course offered by  **SBI**

**Course Access: 2 Years**

Certification in Electronic Payment System empowers you in digital banking by offering the basic information on electronic and digital payment systems. Moreover, it creates an understanding of concepts like alternate delivery channels for banking, digital payment methods, channels available for remittances, platforms for digital banking solutions, transaction workflow of digital banking channels. The Course is curated and offered by SBI, with a great blend of theory and operational aspects for deeper understanding.

## Course Outline

- Introduction to Electronic Payment System
- What is Digital Transaction and its importance
- Digital transformation vis-à-vis Currency in Circulation
- What are the channels for Digital Payments?
- What are the payment channels instrumental for digital migration in terms of value?
- What are the payment channels instrumental for digital migration in terms of volume?
- What are the most common models of e-payment in India?
- How NPCI is instrumental for digital transformation in India
- NPCI products for electronic payments
- What are the emerging trends in Digital Payments?



3

5 Hours

# Kiosk Banking Channel for Financial Inclusion

Course offered by  **SBI**

**Course Access: 2 Years**

Certification in Kiosk Banking Channel empowers you to understand the features of Kiosk Banking channel to achieve the goal of financial inclusion. Moreover, it provides an understanding of important components of Kiosk Banking i.e., Financial Inclusion, Business Correspondents (BC), Customer Service Points and Kiosks (Kiosk Booth), and Kiosk Banking. This course also provides information about establishing the Kiosk Booths, technology requirements, services offered, etc. The Course is curated and offered by the State Bank Institute of Innovation & Technology (SBIIT), with a great blend of theory and operational aspects for deeper understanding.

## Course Outline

- Introduction to Kiosk Banking Channel
- Concept of Financial Inclusion
- Business Correspondent (BC) model for Financial Inclusion
- Customer Service Points (CSPs)
- Establishing Kiosk & Kiosk Banking
- Use-case of SBI Kiosk Banking
- Conclusion



4

12 Hours

# Nuances of Financial Management of Enterprise



Course offered by  **SBI**

**Course Access: 2 Years**

The Course deals with Financial Management dimensions of Business Enterprises. The Course is well distributed in 3 Modules with logical flow of concepts and ideas intended to enhance the reader's understanding step by step. The Course blends concepts and theoretical aspects with practical situations in which enterprises are usually placed.

## Course Outline

- **Module-1:** Deals with Financial Accounting, Financial Statements, Statutory dimensions of Financial Statements, Items of Balance Sheet and P&L and their relevance in business, Interplay between Balance and P&L Statement in the process of business
- **Module-2:** The relevance of Financials in the context of Business, Financial Ratios and their impact on business, Financial Ratios from desirability and efficiency perspective of business, Impact of Business Practices on Financials and Financial Ratios, Cash Flow Statements and Funds Flow Statements; their interpretation in the context of business
- **Module-3:** Debt related dimensions of the Enterprise; Practical perspective on Long Term Debt; Working Capital Needs of Enterprise; Practical way to deal with different Business Needs; Firm's investments- Where, When and Why dimensions

5

# Banking Fundamentals

10 Hours

Course offered by  **SBI**

**Course Access: 2 Years**

Today, banking has undergone a sea change in terms of products, services, delivery platforms, customer education & expectations. Notwithstanding this rapid and sometimes overwhelming change ushered in through technology, an individual who would like to pursue a career in banking needs to understand the fundamentals of banking. The course combines the principles of banking with real-life application.

## Course Outline

- Fundamentals of Banking
- Functions of Bank
- Compliance and Customer Service
- Digital Banking
- Stressed Assets Management





6

30 Hours

# Business Intelligence

Course offered by  Grant Thornton

**Course Access: 1 Year**

Business intelligence is strategic to observe business trends, identify important actions and get the complete business scenario of what is happening inside your organization. It is significant to enhance processes, improve operational efficiency and decision-making of the company. The most accepted and top two tool used globally by organization for business intelligence are Microsoft Power BI and Tableau.

## Course Outline

- Introduction
- Power BI
- Tableau
- Support Material
- Final Assessment
- Power BI and Tableau Instructions
- Software Download Instructions



7

25 Hours

# Data Analytics using R

Course offered by  Grant Thornton

**Course Access: 1 Year**

Grant Thornton in India's training program on "Certification in Data Analytics will help you to understand how to transform data into business and operational insights, maximize the value of data for your organization, rapidly analyze thousands of curated data sets and develop reporting dashboards that enable easier access to data.

## Course Outline

- Introduction and Programming
- Statistics and Visualization
- Advance Methods





8

40 Hours

# Data Analytics using Python

Course offered by  Grant Thornton

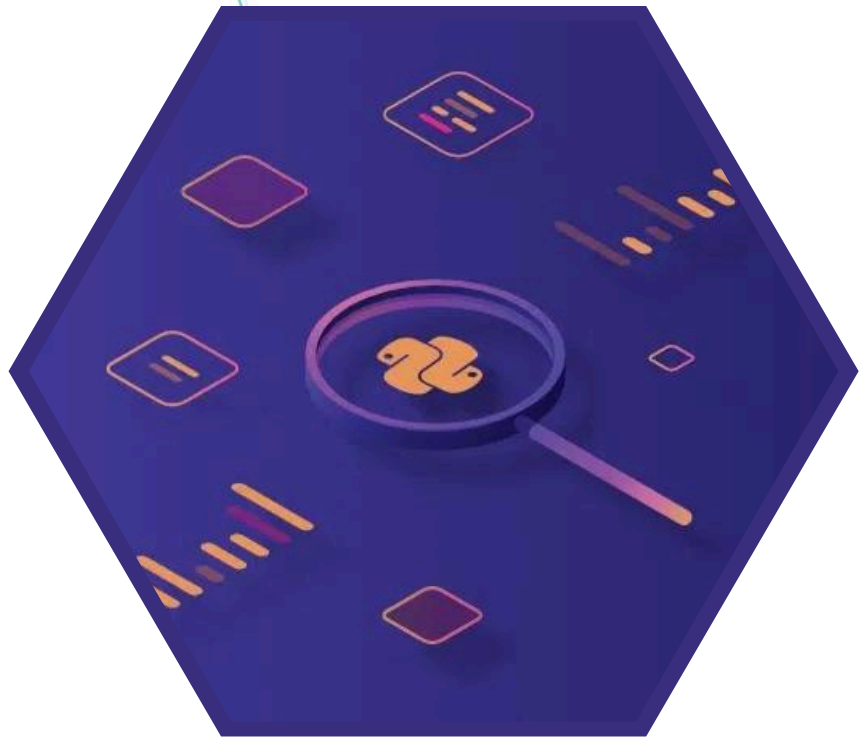
## Course Access: 1 Year

Data science is an interdisciplinary academic field that combines statistical analysis, machine learning and computer science to extract valuable insights from data. With the increasing demand for data-driven decision-making and the rise of big data, data science has become a critical component of many industries. It integrates domain knowledge from any sector, making it a versatile and powerful tool for businesses of all kinds.

Python is one of the most popular programming languages used by data scientists, supporting object-oriented, structured and functional programming paradigms. Earning a Python certification demonstrates a high level of proficiency in the data science field.

## Course Outline

- Basic Python
- Python for Data Science
- Stats for Python



9

1 Hour

# Behavioural Finance

Course offered by

**Course Access: 2 Years**

Financial investments and wealth creation are hot topics among all types of investors big or small. This short course discusses various aspects of behavioral finance and decision-making. This course is suitable for investors who want to take prudent decisions in their wealth creation journey. No specific knowledge of financial terms is needed. The course content is suitable for beginners. The course is also ideal for finance and economics students to get a firm ground on essential behavioral finance concepts to study the subject further.

## Course Outline

- Fundamentals of Behavioural Finance
- Introduction to Course
- What is behavioural finance? How is it different from traditional finance?
- What are the different types of biases that exist in investors' behaviour?
- How do we mitigate risks due to behavioural biases while investing?
- How does the endowment effect influence investors in decision-making?
- Can Artificial Intelligence and machine learning make better financial decisions?
- Can Artificial Intelligence help in making rational investment decisions?
- Will AI/ML-based investments/trading dominate the future?
- Will AI/ML replace the investment thesis for investors in a start-up?



10

2 Hours

# Decoding the Financial Crime

Course offered by

**Course Access: 2 Years**

The field of financial crime and its regulation are changing fast. In today's scenario, money laundering and terrorist financing have become the fundamental crime in the zone of financial crime, as technology progresses financial crimes, and their approach has also become technical and challenging to crack. One must possess a strong understanding of the potential predicate offenses and should be able to read between the lines and look with caution to understand the various cues ignored during such occurrences of financial crimes.

## Course Outline

- What is Financial Crime?
- Forms of Financial Crime
- Forced or Tricked
- Red flag Indicators
- International Sanctions
- Financial Crimes - Forefront of Concerns
- Expectations from the world
- Expectations from you



## CONTACT DETAILS

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### Refund Policy

- Registration Fees paid by the candidate shall not be refunded under any circumstances after the login ID of the application has been shared with the candidate.
  - In case the registered candidate wishes to cancel the registration for the program the candidate has to inform NSE Academy via a written request/Email request a minimum of 2 working days before the commencement of the program. Once this request is approved, the candidate will be refunded 90% of the total course fees paid for the program.
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