



Explore, Enable, Excel

**Institute for Development and Research
in Banking Technology**

(Established by Reserve Bank of India)

SPECIAL

AWARENESS PROGRAMME ON

DATA SCIENCE FOR BANKS

FEBRUARY 27 - MARCH 03, 2023

INTRODUCTION

Artificial Intelligence (AI)/Machine Learning (ML) has caught the imagination of researchers and practitioners across disciplines, with banking being no exception. This field has revolutionised the way business is done and changed the face of many service industries.

Banking being a very important segment in that family of service industries has witnessed irreversible changes in the way customer relationships are managed, operations are conducted and risks are mitigated. This has successfully augmented the phenomenal impact analytics already had on the banking and financial sector.

Data science subsuming big data analytics and social media analytics has solved important use cases in banking, viz., customer acquisition, customer churn prediction, fraud detection, credit scoring, loan default prediction, sentiment analysis, etc. While making significant inroads into these use cases, AI/ML has also brought in mind boggling transformational changes in the way operations are conducted directly with customers, spreading business outlets (branches, ATMs) to newer regions, ATM Cash replenishment, etc. Robotic process automation and chatbots are prime examples of the application of AI.

Network and information security has also seen high impact implementation of AI/ML. Successful implementation of AI/ML and data science makes the digital journey of a bank / financial institution complete, profitable, sustainable, safe and rewarding.

Objectives

- ★ To make the participants aware of the new and latest developments in this exciting field and enable them to join the bandwagon for overall growth of the banking and financial industry
- ★ Leveraging use cases, case studies, best practices in Indian banks and PoCs conducted at the Centre for AI and ML, IDRBT to provide exposure to the exciting area of AI/ML.

Contents

- ★ Introduction to Artificial Intelligence / Machine Learning
- ★ Introduction to Data Science (subsuming Big Data and Social Media Analytics)
- ★ Discussions on case studies of AI/ML in banking on key problems of Customer Relationship Management, Fraud Risk Prediction, Security and Operations.
- ★ Best Practices, Critical Success Factors, Framework for AI/ML implementation in banks

Mode of Teaching

Live online sessions for two hours every day for five days including lectures, Q&A sessions, discussions, online interactions and clarifications. Study materials will be shared with the participants in advance.

Who can Participate

Officers and executives up to and including GM level from all divisions including but not limited to analytics, credit department, digital banking, transaction banking, planning, marketing, IT, Security, SOC, etc.

Takeaways

Awareness levels of the participants will significantly increase by participating in the special e-programme. Several concepts in this exciting field will be demystified and participants will get to know the usefulness as well as how to leverage AI/ML & Data Science in every sphere of banking. They can ask the vendors pertinent and pointed questions and reap better benefits for the bank / financial institution.

Fee Details

For Indian Participants (Per Participant):

- * RRBs & Coop. Banks : Rs. 29,500/- (Rs. 25,000/- + 18% GST)
- * All other Banks & Fis : Rs. 35,400/- (Rs. 30,000/- + 18% GST)

For every 30 nominations from a bank, the Institute will offer a fee discount for five participants, i.e., we will be charging 25 participants and 30 participants can be trained.

For International Participants:

- * US \$ 550 (per participant, all inclusive)

The fees can be remitted through NEFT and the bank account details for fee payment is available at: <https://www.idrbt.ac.in/programme-contact/>.

Nominations

Banks may nominate any number of participants to this special awareness e-programme, which may be accepted on a first-cum-first-served basis. While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No/Phone No, email address, fees billing address, GST No. of the Bank) for Invoice purposes.

The nominations for the special awareness programme on Data Science for Banks, and queries if any, may please be sent to eprogram@idrbt.ac.in and the last date of receipt of nominations is **FEBRUARY 24, 2023**.

Course Coordinator

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