



Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

Castle Hills, Road No. 1, Masab Tank, Hyderabad-57, India.

e-Programme on

DATA SCIENCE IN BANKING AND FINANCE

March 16 - 19, 2021

Introduction

In recent years, data science and machine learning have emerged as promising technologies in the banking and finance industry. With the availability of data from different domains, there is an indispensable requirement of deeper understanding of identification, representation, and extraction of meaningful information from data.

Objective

To demystify the basic concepts of Data Science, discuss various emerging technologies for audio, visual, textual and cross-domain data, and highlight multiple success stories of Data Science in BFSI.

Contents

- Introduction to Data Science
- Case Studies and Success Stories of Data Science in Indian Banking Industry
- Emerging Data Science based Technologies: Voice/speech Recognition, Natural Language Processing, Computer Vision, Multimodal Analytics
- Distributed Data Science Frameworks and Algorithms
- Hands-on sessions with few open-source tools

Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. Each e-Programme will have four live webinars and course material will be made available in advance for study.

Who Can Participate?

A mix of Senior Executives (up to AGM level) and Junior Officers (up to SM level) from cross-functional areas like Business/Marketing/Planning/IT Divisions, a couple of Branch Managers.

End Use:

Participants would have a better understanding of basic concepts and potential technologies of Data Science in banking as well as in other industries.

Programme Coordinator:

Dr. Mridula Verma, Assistant Professor, IDRBT;

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Fees:

For Indian Participants

- RRBs & Coop Banks: Rs. 8,850/- (Rs. 7,500/- + 18% GST)
- All Other Banks & FI's: Rs. 11,800/- (Rs. 10,000/- + 18% GST)

For International participants

- US \$ 175 (per participant, All inclusive)

Bank Account Details for Remittance of Fees

The fees for this e-programme can be remitted to the following accounts:

For Indian Participants

Account Name : IDRBT
Bank & Branch : Axis Bank Limited, Humayun Nagar, Mehdiapatnam, Hyderabad
Account No. : 426010100018823
MICR Code : 500211012
IFSC Code : UTIB0000426

For International participants

Receiver's Correspondent Bank : JP Morgan Chase, New York, USA
Swift Code : CHASUS33XXX
Fed Wire Routing Number : ABA 021000021
Beneficiary Bank & Branch : Axis Bank Ltd., Mumbai, India
Account Number : 0011407376
Beneficiary Bank Swift Code : AXISINBB

Ultimate Beneficiary

Account Name : IDRBT
Customer ID : 030021632
Account No. : 426010100018823
Bank & Branch : Axis Bank Ltd., Jubilee Hills, Hyderabad, India. (AXISINBB030)

Nominations

Banks may nominate any number of participants to these e-Programmes, 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).

Apart from nominations by banks, staff members of banks can self-nominate themselves for these e-Programmes by providing their employee credentials and paying the programme fee latest by **March 15, 2021**.

How to Register

The nominations for these e-Programmes, and queries if any, may please be sent to eprogram@idrbt.ac.in. Please visit <https://www.idrbt.ac.in/eprogrammes.html> for more details about these programmes.
