



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

BIG DATA ANALYTICS FOR BANKS

SEPTEMBER 19 - 22, 2022

Introduction

As the banks become data-rich organization by the day, their decision making in business and operations is increasing becoming data-driven. The preponderance of semi-structured and unstructured data in banks throws difficult challenges to the techno-bankers and analytics-savvy bankers, thereby making the big data analytics paradigm a worthwhile investment and goal post for the banks. Banks must keep themselves abreast of these latest developments and embark on these exciting, enriching, empowering and effervescent journey of big data analytics which connects with the entire gamut of operations in a bank. Therefore, it is imperative that the banks train and retrain its staff on these cutting edge areas and make them not just analytics-savvy but big data analytics-savvy too.

Objectives

- To make the techno-bankers and analytics-savvy bankers aware the importance of big data analytics and its effectiveness in solving several businesses, security use cases
- To demystify the relationship among data mining, data science, AI/ML, big data analytics
- To teach the importance of Hadoop/Spark frameworks for big data analytics journeys
- To teach the best practices of big data analytics journey

Contents

- Introduction to Analytics
- Brief introduction to Predictive analytic and its relationship with AI/ML
- Introduction to Big data analytics and Hadoop ecosystem
- Case studies of Big data analytics
- Best practices, uses cases in security, social media analytics, fraud analytics

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?

Executives and officers from IT, business development and marketing departments. They should be analytics-savvy.

End Use:

Participants will learn the concepts, usefulness, best practices of implementation and case studies of big data analytics in solving several business use cases of banks. Its relevance to digital banking and security will also be learned.

Programme Coordinator:

Prof. V. Ravi, Professor, IDRBT; e-mail: vravi@idrbt.ac.in

Fees:

For Indian Participants

- RRBs & Coop Banks: Rs. 11,800/- (Rs. 10,000/- + 18% GST)
- All Other Banks & Financial Institutions: Rs. 14,750/- (Rs. 12,500/- + 18% GST)

For International participants

- US \$ 220 (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 **September 16, 2022**.

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.

e-Programmes in September 2022

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Cyber Forensics for Cyber Defence	06 – 09	Dr. B. M. Mehtre	Sep 05, 2022
2	Introduction to Hardware Security	13 – 16	Dr. Dipanjan Roy	Sep 12, 2022
3	Privacy and Security Risks in Machine Learning	13 – 16	Dr. Rajarshi Pal	Sep 12, 2022
4	Data Centre Management	19 – 22	Dr. P. Syam Kumar	Sep 16, 2022
5	Big Data Analytics for Banks	19 – 22	Dr. V. Ravi	Sep 16, 2022
6	Emerging AI/ML Technologies	26 – 29	Dr. Mridula Verma	Sep 23, 2022
7	Secure Coding Practices	27 – 30	Dr. V. Radha	Sep 26, 2022
8	Secure Financial Infrastructure	27 – 30	Dr. Susmita Mandal	Sep 26, 2022

e-Programmes in October 2022

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Privacy Preserving ML for Banks	10 – 13	Dr. V. Ravi	Oct 07, 2022
2	Technologies for Financial Inclusion	10 – 13	Dr. M. V. N. K. Prasad	Oct 07, 2022
3	Financial Risks and Asset Liability Management	11 – 14	Dr. V. N. Sastry	Oct 10, 2022
4	Security in Cloud Computing	17 – 20	Dr. P. Syam Kumar	Oct 14, 2022
5	API Security and Governance	18 – 21	Dr. V. Radha	Oct 17, 2022
6	Zero Day Threats and Mitigation	31 – Nov 03	Dr. B. M. Mehtre	Oct 28, 2022
7	Smart Banking using AI & ML	31 – Nov 03	Dr. Mridula Verma	Oct 28, 2022