Programme on

BIG DATA ANALYTICS FOR BANKS

Programme Coordinator: Prof. V .Ravi

October 13 - 16, 2025

BIG DATA

INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY, HYDERABAD

(ESTABLISHED BY RESERVE BANK OF INDIA)

Introduction

Banking has come a very long way in the past two decades not only abroad, but also in India. The availability of advanced IT Solutions is helping banks to implement CRM and thus provided dedicated customer service. But as the average tenure of a customer with the banks increases, so will the amount of customer data stored in a bank. The next big challenge for banks is dealing with storing and analyzing this large amount of data called Big Data pertaining to the transactions, interactions and observations made by customers with the banks.

Objective

To provide the bankers with the knowledge of:

* Introduction to Big Data
* Analytics and Visualization Aspects
* Applications to Banking in CRM, Fraud Analytics, Malware Detection
* Industry Best Practices & Case Studies.

Contents

* Unified Theory of Data Science and AI/ML
* Introduction to CRM
* Introduction to Text Mining
* Introduction to Big Data Analytics
* Hadoop Ecosystem and Fundamentals
* Introduction to Social Media Analytics
* Introduction to Social Network Analysis and applications
* Nowcasting and applications
* Introduction to Streaming data analytics and applications
* Big Data Applications in Cyber Security
* Case Studies on CRM, Fraud Analytics (Hands-on), Malware Detection
* Best Practices and Critical Success Factors
* Big Data Governance

End Use

To be able to understand and use Big Data Analytics in business development and achieve operational efficiency.

Who can Participate

Officers from IT, Marketing, Business Management, and Cyber Security from Banks and Financial Institutions up to the level of DGM.

Programme Coordinator

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

Accommodation

Participants will be provided Air Conditioned Single Occupancy accommodation in IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of the day before the commencement of the programme and can check-out after completion of the programme on the same day (or) in the morning of the next day of the programme.

Fee Details

Domestic Participants from

✴ RRBs & Coop. Banks :   Rs. 42, 000 + applicable GST

✴ All other Banks & FIs :   Rs. 56, 000 + applicable GST

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment are here under:

Account Name   :   IDRBT
Bank   :   Axis Bank Limited
Branch   :   Humayun Nagar (Mehdipatnam Ring Road) Branch, Hyderabad
Account Number :   426010100018823
IFSC Code   :   UTIB0000426
GSTIN   :   36AAAAI0204K1Z4.

Nominations

Nominations should be sent to us latest by **OCTOBER 04, 2025** by email to hunar@idrbt.ac.in. Please note that no nominations will be accepted after this date. This measure is envisaged to further improve the quality and learning outcomes of the programmes based on participants' profile and requirements.

While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No / Phone No., email address) along with the nominating authority details (Name, Designation, Bank, Mobile No / Phone No., email address, Fee billing address, GST No. of the bank).

Contact Us

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes at ***hunar**@idrbt.ac.in* or call us on +914023294121/61/63/64/65.

Forthcoming Programmes of October 2025

S. No.	Programme	Date	Coordinator
1.	Cyber Security for IS Auditors - Level 1	06 – 08	Dr. V Radha Dr. Susmita Mandal
2.	Big Data Analytics for Banks	13 - 16	Dr. V. Ravi
3.	APIs & Digital Ecosystem	22 - 24	Dr. V. Radha
4.	Private Cloud Infrastructure Management	27 - 29	Dr. Abhishek Thakur Dr. P. Syam Kumar
5.	Emerging Technologies in Banking	27 - 31	Dr. M. V. N. K. Prasad
6.	IT Governance & Risk, Compliance for Business Heads	29 - 31	Dr. Abhishek Thakur

Please visit our website for more details on programmes at
https://www.idrbt.ac.in/executive-development-programmes/