

Classroom Training Session on Data Analytics & Machine Learning for Insurance 18 to 19 August, 2026



Program Concept and Objectives:

In today's insurance marketplace, data is the new underwriting engine. Predictive analytics, machine learning and AI-driven insights are helping insurers improve persistency, control risk, personalise offerings and grow profitably. This two-day executive program equips insurance professionals to understand and apply data analytics in core insurance functions.

The program is designed to guide the participants by the eminent experts from the Life Insurance sector with strong background of Data Analytics and Machine Learning.

Program Modules & Themes :

- Predictive Modeling for Lapse & Persistency: Know who will stay before they decide to leave.
- AI-Based Risk Scoring: Smarter risk, safer portfolios, faster decisions.
- Customer Segmentation & Personalization: Right customer, right product, right time.
- Analytics Tools – Python, R & Power BI: From raw data to powerful insights.

Two-Day Program Structure

- **Day 1 -**
Foundations of Insurance Analytics
Role of data in modern insurance
Predictive modeling for lapse and persistency
AI-based risk scoring used in banking and insurance
- **Day 2 -**
Using Analytics for Growth & Control
Customer segmentation and personalization
Using dashboards for business decisions
Introduction to Python, R and Power BI for insurance analytics

Key Takeaways from the program:

Participants will understand how data and AI improve underwriting, customer retention, fraud control and marketing effectiveness. Organisations will benefit from better risk management, higher persistency and improved customer targeting. In the age of AI, the most successful insurers are those who use data wisely. Nominate your managers to build analytical thinking, improve decision-making and gain a competitive edge through data-driven insurance.

Participant Profile:

This program is ideal for managers and executives from underwriting, claims, operations, sales, marketing, actuarial, risk, IT and digital transformation teams who want to use data to drive better business results.

Program Date: 18-19 August 2026

Program Duration: 2 days (CT)

Program Time (IST): 10.00 AM to 05.00 PM

Program Coordinator: Mr. Subash Pattanayak, Faculty, Email: pattanayak@iii.org.in, Contact No: 022-69654204.

Program Fees:

- **Participants requiring residential facilities: Total amount Required – Rs. 12980/- i.e. (Rs. 11000/- plus 9% CGST + 9% SGST).**
(The fees cover tuition, course material, A/C single room accommodation in the Institute's campus and full boarding (bed tea/coffee, breakfast, lunch, light refreshments in the evening and dinner). All rooms are fully furnished with attached bathroom and Internet facility. Rooms are reserved from 12.00 noon onwards the day prior to the commencement of the program. The participants can stay till 12.00 noon next day after the conclusion of the program.)
- **Non-residential participants: Total amount Required – Rs. 9440/- i.e. (Rs. 8000/- plus 9% CGST + 9% SGST).**
(The fees cover tuition, course material and day boarding (i.e. breakfast, lunch and tea/coffee during tea breaks for actual days of training).)

PROGRAM VENUE:

College of Insurance, Insurance Institute of India,
Plot No. C-46, G-Block, Bandra-Kurla Complex, Mumbai - 400 051.
Please follow the link / scan QR Code for training venue



<https://qr.go.page.link/qs2Qb>

PROGRAM TEAM:

Ms. Yogeeta Kulkarni	022-69654255
Ms. Rupali Thakar	022-69654284
Ms. Sakshi Pawar	022-69654251
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