

AI *for* Healthcare

Bridging medicine and machine intelligence

9th, 10th & 11th October, 2025



Programme Overview

This two and a half day, in-person workshop equips clinicians, healthcare administrators, and sector professionals with the practical tools and strategic mindset to drive AI-enabled transformation in their organisations. Anchored in real-world healthcare challenges, the programme blends expert-led sessions with design thinking labs and live prototyping.

Participants move from grasping foundational AI concepts to building functional proof-of-concept solutions using intuitive no-code platforms. Throughout, the programme remains grounded in the operational realities of healthcare: addressing cost efficiency, workflow bottlenecks, and responsible data use. The experience is structured to help you identify actionable use cases, test ideas rapidly, and return ready to initiate or lead AI pilots in your own settings.

Who Should Enrol

This programme is designed for professionals across the healthcare ecosystem who are eager to explore how AI can solve real operational and clinical challenges.



Doctors and hospital administrators looking to streamline workflows, reduce manual burden, or improve care delivery



Nursing chiefs, operations managers, and quality heads aiming to optimise resource use, staffing, and patient throughput



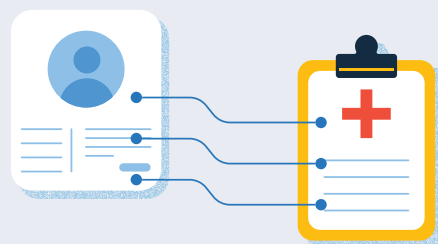
Middle-management clinical leaders responsible for driving innovation, quality, or digital transformation initiatives



Pharma and drug-discovery professionals interested in applying AI to trial design, real-world evidence, and process automation



Healthcare consultants, product managers, and healthtech innovators seeking practical frameworks for designing and testing AI-enabled solutions



Programme Faculty



Dr. Shailesh Kumar

Chief Data Scientist, Jio Platforms;
Dean, Jio Institute



Dr. Avaneesh Khare

Physician, Consultant;
Educator in AI in Medicine, BrainX AI



Dr. Jaideep Rayapudi

Associate Director, Digital Health & Data Science, JHPIEGO



Dr. Kshitij Jadhav

Assistant Professor, KOITA Centre for Digital Health, IIT Bombay





Programme Curriculum

A tightly structured two and a half day sprint designed around five applied learning modules that reflect the real needs and expectations of the healthcare ecosystem



DAY 1

Module 1 / Foundations and Clinical Decision Support



- AI landscape in healthcare and common model families
- Opportunity identification across access, quality, safety and cost
- Risk scores, early warning systems and imaging triage
- Reading model cards and defining guardrails

Module 2 / Applied Clinical AI

- Drug discovery and pharmacology target discovery, trial enrichment and safety signal detection
- Remote and preventive care telehealth triage, chronic disease monitoring and early warning
- Evaluating benefit and risk in out of hospital settings

DAY 2

Module 3 / AI Project Implementation in Hospital Operations

- Scheduling, bed flow, supply chain and revenue cycle
- Throughput, backlog and cost to serve
- Metric design and dashboard communications
- Bench to bedside thinking in Healthcare AI



Module 4 / Ethics, Privacy and Implementation

- Consent, de-identification and data minimisation
- Bias and fairness testing in clinical contexts
- Clinical risk management and monitoring
- Change management, validation and operating models for oversight

DAY 3

Module 5 / Capstone and Industry Perspectives

- Team presentations with faculty feedback focused on feasibility, risk and expected value
- Panel with leaders from provider, payer and healthtech on adoption lessons and regulatory outlook
- Insights on emerging trends and future skills needed for AI leadership
- Networking and peer learning to build lasting professional connections



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Learning Outcomes



Recognise AI's operational value in healthcare
Understand how AI has been successfully deployed across imaging, triage, documentation, and hospital logistics



Identify high-leverage AI opportunities in your context
Pinpoint specific pain points in your clinical or administrative workflows where AI can deliver measurable improvement



Apply responsible design principles from the outset
Integrate privacy, fairness, and explainability into AI solution design, especially when dealing with patient data



Prototype real-world solutions using no-code tools
Build working models with intuitive platforms, even with no prior coding experience; ready to demo and iterate back home



Make the case for adoption and scaling
Frame AI pilots in terms of ROI, impact on manpower, and operational savings to secure leadership buy-in and organisational traction



Application Details

To register for the programme, apply online at
<https://www.jioinstitute.edu.in/ai-for-healthcare>

PROGRAMME FEE

INR 40,000/- per person
(taxes applicable)

PROGRAMME DATES

9th, 10th & 11th October, 2025

CONTACT US

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About Jio Institute

Jio Institute is a multidisciplinary higher education institute set up as a philanthropic initiative by the Reliance Group. The Institute is dedicated to the pursuit of excellence by bringing together global scholars and thought leaders and providing an enriching student experience through world-class education.

It aims to promote a culture of research, innovation and entrepreneurship amongst the youth of India. Through its new-age programmes, Jio Institute is poised to play a pivotal role in nation building and create an ecosystem for lifelong learning.

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- Sports Management

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- Strategy & Leadership
- Retail Management
- Women Leadership

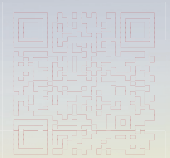
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