

Agentic AI Lead for AI &DS, BSI

Job ID
REQ-10072907

3月 10, 2026

India

摘要

Level 5: Associate Director
Location: Hyderabad | #LI-Hybrid

About the Position

The AI and Data Science Operations (BSI) team at Novartis is committed to enhancing decision-making by leveraging advanced AI technologies to deliver actionable insights that improve performance and productivity. We work closely with international business units to generate innovative ideas and data-driven insights, enabling informed strategic decisions.

This role is pivotal in leading the development and execution of a multi-year AI strategy and roadmap aimed at optimizing operational efficiency and driving organizational growth. By staying at the forefront of advancements in generative AI and large language models (LLMs), the Agentic AI Lead ensures our strategies incorporate cutting-edge technologies.

As a key member of the AI and DS BSI team, you will design, pilot, and scale AI solutions aligned with the broader International AI strategy, transforming business processes and outcomes.

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About the Role

Location: Hyderabad | #LI-Hybrid

Key Accountabilities:

- Lead the design, development, and deployment of scalable AI solutions, focusing on GenAI applications.
- Drive innovation by staying current with advancements in AI, particularly generative models and LLM technologies.
- Manage and mentor a high-performing team of data scientists, providing technical direction, fostering knowledge sharing, and ensuring alignment within AI and Data Science initiatives.
- Engage in hands-on development and guide best practices for code quality, version control, and ML/AI Ops pipelines.
- Collaborate with cross-functional teams to integrate AI-driven solutions across platforms and services.
- Champion a culture of experimentation and adoption of best practices, inspiring teams with a “can-do” attitude and acting as an AI role model.

Minimum Requirements

Education:

- Bachelor ' s degree in a related field with 12-15 years of experience, or
- Master ' s degree with 10-12 years of relevant experience.
- Certifications in GenAI/ML platforms (AWS/Azure) are a plus.

Experience:

- Minimum 10 years delivering advanced data science projects, including 5-6 years managing high-performing data science or ML teams from problem framing through production.
- Experience delivering agentic solution in production and proven ability to build and deploy scalable ML models using cloud services (AWS, Azure).

Technical Expertise:

- Expertise in Agent Design Patterns and frameworks, including LangGraph, LangFuse, Chain of Thought, ReACT
- Comprehensive skills in state and memory management for intelligent systems
- Advanced knowledge of tooling, orchestration, and integration for agent-based solutions
- Strong background in Retrieval-Augmented Generation (RAG) and knowledge grounding techniques
- Extensive experience with LLMs, classical ML/DL algorithms, time series analysis, and statistical methods

- Proficient in Python with proven ability to deploy models in production environments
- Business Acumen:
- Ability to translate complex algorithmic outputs into clear, outcome-oriented narratives for senior leadership.

Preferred Requirements

- Experience in the commercial pharma industry.
- Published thought leadership or conference presentations.
- Advanced degree (PhD or Master ' s) in Computer Science or Data Science.
- Familiarity with Agile methodologies for project delivery.
- Ability to balance operational execution with strategic thinking, supporting both day-to-day performance and long-term goals.
- Strong collaboration skills with cross-functional teams (sales, data operations, product development).
- Excellent communication skills for engaging senior leadership and aligning diverse teams.

Required Skills

- Large Language Models (LLMs)
- Agentic AI Frameworks
- Machine Learning Model Deployment
- AWS/Azure Cloud Services
- Deep Learning & Foundation Models
- Statistical Analysis & Reporting
- Python Programming
- Spark Scripting
- Problem Solving
- Cross-Cultural Communication

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting, and inspiring each other. Combining to achieve breakthroughs that change patients ' lives. Ready to create a brighter future together. <https://www.novartis.com/about/roadmap/people-and-culture>

Commitment to Diversity & Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse team ' s representative of the patients and communities we serve.

Values and Behaviors: Demonstrates and upholds Novartis values and behaviors in all aspects of work and collaboration.

Location: Hyderabad NKC. Hybrid | 3 days a week in office is mandatory.

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Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally. [Read our handbook \(PDF 30 MB\)](#)

部门

International

Business Unit

Marketing

地点

India

站点

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Data and Digital

Job Type

Full time

Employment Type

Regular

Shift Work

No

```
function adjustKalturaPlayer() { var deviceWidth = window.innerWidth ||
document.documentElement.clientWidth || document.body.clientWidth; var mediaElement =
document.getElementById("kalturaplayer69b2577ec4932013797017"); var mediaContainer =
mediaElement.closest('.nc-kaltura-media'); var originalWidth = "1200px"; var originalHeight = "674px";
var originalWidthValue = parseFloat(originalWidth); var originalHeightValue =
parseFloat(originalHeight); var mediaType = "video"; var isResponsive = false; // Get computed styles
of the container element. var parentStyles = window.getComputedStyle(mediaContainer); var
finalWidth = parseFloat(parentStyles.width); if (finalWidth < originalWidthValue) {
var config = { targetId:
"kalturaplayer69b2577ec4932013797017", provider: { widgetId: "10m7rm1pm", partnerId:
"2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false,
allowMutedAutoPlay: false, loop: false }, sources: { options: {}, startTime: 0 }, plugins: { download: {
disable: true }, "playkit-js-transcript":{ position: "right", // Default: bottom;( ' left ', ' right', ' top ', 'bottom ' ) to
enable transcript. expandMode: "over", // Default: alongside;( ' alongside', ' hidden ', 'over ' )
expandOnFirstPlay: false, showTime: true, downloadDisabled: false, printDisabled: false, disable:
true } }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false },
components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets: ['Playback',
'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get:
KalturaPlayer.ui.components.Remove } ] } }; config.plugins.preventSeek = { preventSeekForward:
false, preventSeek: false }; config.plugins.floating = { disable: true }; config.plugins.navigation = {
position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; config.plugins['playkit-
js-hotspots'] = { disable: true }; config.plugins['playkit-js-moderation'] = { disable: true };
config.plugins['playkit-js-info'] = { disable: true }; config.plugins.share = { disable: true };
config.ui.uiComponents = []; config.plugins.googleTagManager = {};
config.plugins.googleTagManager.customEventsTracking = {};
config.plugins.googleTagManager.containerId = 'GTM-57RJQ5';
config.plugins.googleTagManager.customEventsTracking.custom = [];
config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents:
false, playlistEvents: false, castEvents: false } } };
```

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try { var kalturaPlayer = KalturaPlayer.setup(config); // Add the player to the global array. if (typeof
kalturaPlayerVideos !== 'undefined') { kalturaPlayerVideos.push(kalturaPlayer); } else { var
kalturaPlayerVideos = []; kalturaPlayerVideos.push(kalturaPlayer); } // Load the Player for other
media. kalturaPlayer.loadMedia({entryId: "1_dgfvmafo"}); setTimeout(() => {
setupAutoPause(kalturaPlayerVideos); }, 500); function setupAutoPause(players) {
players.forEach((currentPlayer) => { currentPlayer.addEventListener('play', () => {
players.forEach((otherPlayer) => { if (otherPlayer !== currentPlayer && typeof otherPlayer.pause ===
'function') { otherPlayer.pause(); } })); }); }); } catch (e) { console.error(e.message) }
```



VIDEO

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.india@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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