

Agentic AI Engineer for AI &DS, BSI

Job ID
REQ-10073058
Июн. 22, 2026
Индия
Available in: English

Сводка

-Level 4: Data Scientist 1
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 will be contributing to 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 engineer ensures and execute cutting-edge technologies.

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

About the Role

Location: Hyderabad #LI-Hybrid

Key Responsibilities

- Develop and deploy of scalable AI solutions, focusing on GenAI applications.
- Drive innovation by staying current with advancements in AI, particularly generative models and LLM technologies.
- Collaborate with a high-performing team of data scientists, 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 10-12 years of experience, or
 - Master's degree with 8-10 years of relevant experience.
 - Certifications in GenAI/ML platforms (AWS/Azure) are a plus.
- Experience:
 - Minimum 7 years working in advance data science projects, including 2-3 years leading high-performing data science or ML teams from problem framing.
 - Experience delivering GenAI and agentic solution and proven ability to build and deploy scalable ML models using cloud services (AWS, Azure).
- Technical Expertise:
 - Deep understanding of autonomous AI agents and frameworks such as LangGraph, LangFuse, Chain of Thought (CoT), and ReACT.
 - Strong background in Retrieval-Augmented Generation (RAG) and knowledge grounding techniques
 - Strong knowledge of LLMs, classical ML/DL algorithms, time series analysis, and core statistical methods.
 - Proficiency in Python and hands-on experience deploying 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.
- Master's in computer science or data science.
- Familiarity with Agile methodologies for project delivery.
- Ability to balance operational execution with strategic thinking.
- Strong collaboration skills with cross-functional teams.
- Excellent communication skills for engaging senior leadership.
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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
- Problem Solving

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 \(PDF 30 MB\)](#)

Дивизион

International

Business Unit

Marketing

Место

Индия

Сайт

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

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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