Sr Analyst - Data Science

Job ID
REQ-10060587

12 02, 2025

India

The AI and Data Science Operations team at BSI Insights supports better decision making at Novartis by using data to generate actionable insights and improve performance. We work with international business units to solve complex problems, develop analytical strategies, apply engineering and machine learning methods, and automate processes for efficiency.
Our team values collaboration and continuous learning, partnering closely with stakeholders across diverse regions to ensure our solutions align with specific business needs. Our work not only drives innovation but also empowers teams throughout Novartis to make informed, impactful decisions based on real-world data.

About the Role

Key Responsibilities

- Analyze large datasets to uncover insights and support strategic decision-making.

- Deliver advanced analytical solutions for data science projects as an individual contributor.
- Collaborate with senior associates to enhance operational efficiency in existing processes.
- Generate data-driven ideas and actionable recommendations to improve business excellence.
- Apply structured project management with clear documentation and communication.
- Maintain SOPs and quality checklists to ensure consistent, high-quality outputs.
- Manage internal customer expectations across multi-channel analytics and ad-hoc requests.
- Support targeting, segmentation, predictive analytics, and resource optimization initiatives.
- Explore and integrate generative AI and LLM technologies into analytics workflows.
- Partner with cross-functional teams to align analytics with product development goals.

Essential Requirements

- Minimum 3 years of experience in data science, preferably in pharmaceutical or healthcare sectors
- Strong foundation in statistics, predictive analytics, machine learning, and deep learning algorithms
- Proficiency in Python; familiarity with R is a plus
- Proven ability to solve complex problems with creative, data-driven solutions
- Comfortable working across time zones and collaborating with global teams
- Excellent verbal and written communication skills for stakeholder engagement
- Bachelor's degree in a related field; Master of Science or MBA strongly preferred
- Demonstrated ability to balance strategic thinking with operational execution
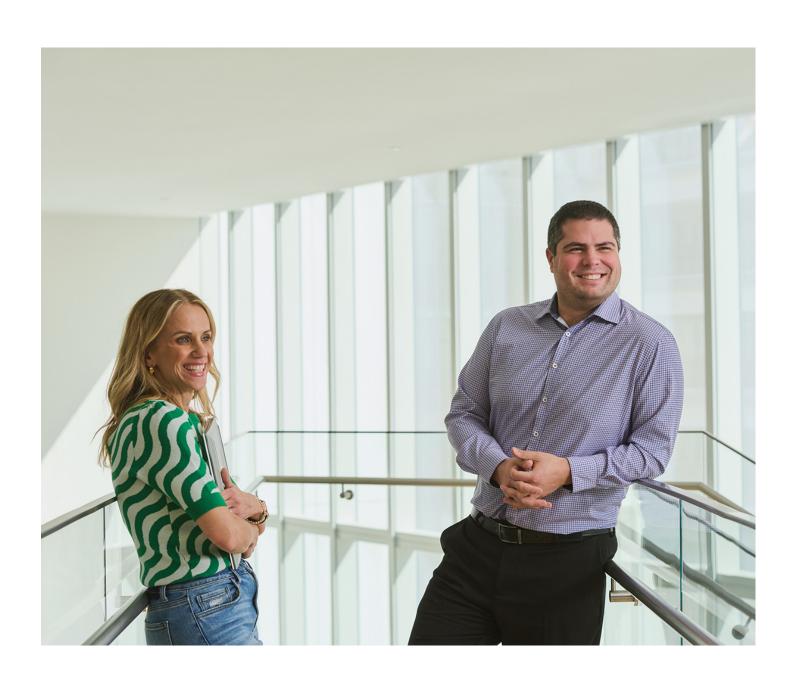
Desirable Requirements

- Experience collaborating with senior leadership and cross-functional teams across Marketing, Sales, and Data Enablement
- Ability to thrive in a dynamic environment and adapt quickly to evolving business priorities

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/strategy/people-and-culture

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: https://www.novartis.com/careers/benefits-rewards

International

Business Unit
Marketing

India

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

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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.

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

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