Sr. Data. Analyst DDIT US&I

Job ID
REQ-10048489

4   16, 2025

India

This position is pivotal in identifying and incubating cutting-edge AI technologies that align with the strategic goals of the company, enhancing the capabilities in data-driven decision-making and is crucial in defining and promoting best practices in AI model development and deployment.

AI Engineer through their forward-thinking ensure seamless integration of innovative AI solutions into existing frameworks, ensuring they are scalable, reliable, and tailored to meet the unique demands of the pharmaceutical industry. The AI Engineer will con-tribute to our mission of advancing healthcare through technology, ultimately improving patient outcomes and driving business success.

About the Role

Roles and Responsibilities:

- Work with stakeholders from different departments to create the detailed DDIT Data & Analytics solution/service design, based on functional specifications to meet quality and performance requirements and technical constraints.
- Contribute to improve local/simple business processes, products, services, and software through data analysis.
- Engage with business representatives and support the appropriate DDIT teams and Functions to develop business requirements and deliver data-driven recommendations to improve efficiency and add value.
- Data Analysis: Examine complex data sets, identify patterns and trends, and generate reports to aid in decision-making.
- Contribute to create consistency and traceability between D&A Products requirements, functional specifications, and testing & validation. Support validation and testing as appropriate and ensure adherence to Security and Compliance policies and procedures within Service Delivery scope.
- Support with internal IT systems and documentation requirements, standards (including quality management and IT security), regulatory environments / requirements (if applicable), DDIT Service Portfolio and with industry best practices in leveraging technologies for the business and taking advantage of reusable products, solutions and services wherever applicable.
- Responsible for detailed design, development and delivery of Data & Analytics solutions for a given project / use case, in alignment defined solution architecture, and relate the detailed process designs necessary to operate the software/service on a day-to-day basis.
- Ensure designs produced adhere to architectural roadmap and support the development, execution and operations of software/service.
- Ensure peer review and sign off detailed designs by business.
- Ensure that detailed designs adhere to solution architecture design (i.e. high level conceptual design) and are traceable to functional as well as non-functional requirements in functional specification
- Ensure the overall user experience is taken into account when designing new solutions and services
- Take accountability to ensure adherence with Security and Compliance policies and procedures   within Service Delivery scope

Skills:

- Data product-centric approach to defining solutions. Collaborate with business in gathering Requirements, grooming product backlogs, driving delivery, and ongoing Data product enhancements. Requirements Definition & Management, Analytical Thinking, and Financial Modelling, Proactive Thinking, Effective Communication.
- Agile delivery experience managing multiple concurrent delivery cycles.
- Fundamental technical delivery experience across cloud platforms including AWS, Databricks and Snowflake, SQL, and data analysis tools (Python, R), Power-BI
- Strong understanding of Big Data and descriptive vs. prescriptive Analytical frameworks.
- Extensive development skills across a variety of languages including Python, Java, SQL and DevSecOps constructs.
- Familiarity with design and integration patterns.
- Functional knowledge of MLOps and product life cycle management
- Analytical Skills: Strong analytical and problem-solving skills to interpret complex data sets.

- Communication: Excellent communication skills to effectively present data insights to stakeholders.
- Attention to Detail: High attention to detail to ensure data accuracy and quality.
- Collaboration: Ability to work collaboratively with cross-functional teams.

Education:

Bachelor's degree in computer science, engineering, statistics, or a related field.

Professional Experience:

- 4-6 years of experience in data analysis or a related field.
- Proven track record of working with large data sets and delivering data-driven insights.
- Working experience within the pharmaceutical industry is preferred, Relationship Management, Leveraging digital technology /big data, Multi-national global experience, Interactions with senior management, Influencing without authority, Collaborating across boundaries.
- Experience with data visualization and reporting tools.

Commitment to Diversity & Inclusion:

We are 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.

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

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: https://talentnetwork.novartis.com/network

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

Operations

Business Unit
CTS

India

Hyderabad (Office)

Company / Legal Entity
IN10 (FCRS = INO10) Novartis Healthcare Private Limited

Functional Area
Technology Transformation

Job Type
Full time

Employment Type
Regular

Shift Work
No

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