NOVARTIS

Data Engineer

Job ID
REQ-10019240

9   10, 2024

India

As a Data Engineer you will work with Architects and builds data intensive products, platforms, and leveraging data engineering best practices and strength in data ingestion, extraction, and highly scalable data management systems.

About the Role

Where data is the primary challenge (quantity of data, the complexity of data, or the speed at which it is changing), **focusing on increasing business value, enhancing BR decision-making and enabling a data-centric culture** by

- designing and implementing data-intensive products, platforms, pipelines, and systems
- sharing data-intensive expertise, tools, and techniques
- implementing and improving the health, security, integrity, and quality of our interconnected data ecosystem

Major Accountabilities:

- Build and deploy production systems for scientists who have high expectations for quality, turnaround, performance and reliability.
- Create and promote reusable and interoperable systems and the efficient reuse of software and data between disparate systems within BR.
- Create or enhance a reusable, reliable, observable platform for ingesting a large number of heterogeneous data sets from numerous disparate sources, including all of the major cloud providers
- Integrate professional data engineering practices as appropriate into the front lines of BR science groups and inspire others within the engineering community to emulate these practices.
- Ensure adherence to Novartis global Information Security and Quality standards and policies for all products/services.
- If applicable, ensure Regulatory Compliance (e.g. GLP & GCP) standards and policies for GxP products/services.

Essential Requirement

- Significant experience building commercial-quality cloud-based solutions at scale, and leading teams in the design and implementation of creative solutions to difficult computational problems
- Strength in programming in scalable data processing engines, data ingestion, modeling, extraction, metadata, and highly scalable data management systems
- Significant experience building ETL pipelines using cloud-centric technologies
- Interest in intersection between the life sciences and computer science
- Excellent interpersonal skills with the ability to create and influence initiatives in a matrix environment that lead to new levels of organizational impact
- Self-directed and capable of working effectively in a dynamic environment
- Able to debug independently
- Able to work independently while consulting and informing the broader team
- Linux, shell scripts /bash
- Javascript /Typescript /Node.js
- Fluency with Python a plus

Desirable Requirements:

- Experience following standard SDLC practices, including build platforms (Jenkins) and source repositories (Git)
- Experience building restful APIs
- Experience using browser developer tools, such as Postman
- Networking (AWS and traditional)
- AWS technologies such as EC2, S3, Lambda
- Basic statistics /numeral literacy
- Nice to have:
  - Databricks and Pyspark
  - Snowflake

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our

vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our
people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: https://www.novartis.com/about/strategy/people-and-culture

You'll receive: You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook. https://www.novartis.com/careers/benefits-rewards

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

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: https://talentnetwork.novartis.com/network

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

Biomedical Research

Business Unit
Pharma Research

India

Hyderabad (Office)

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

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

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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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