NOVARTIS

Data Engineering Tech Lead

Job ID
REQ-10033796
Dic 19, 2024
India

Resumen

data42 is Novartis' ground-breaking initiative that harnesses the power of R&D data in one of the largest and most diverse datasets in the pharmaceutical industry to reimagine medicine. data42 applies machine learning, artificial intelligence, and sophisticated analytics to generate new insights that increase our understanding of disease and medicines, improve R&D decision-making and ultimately reimagine drug discovery and development. And to take this a step further, we are expanding data42 to create a first-of-its-kind, diverse ecosystem.

A key aspect of the program is to centralize & streamline preclinical data collected across Novartis to enable secondary research. Preclinical pipeline team with focus to streamline end-to-end operations, developing new pipelines and building products to will help Preclinical team with data driven insights and bridge between preclinical to clinical domain. The position will work closely with preclinical pipeline lead and data engineering team.

About the Role

Major accountabilities:

- Responsible for the detailed design, development, and delivery of pipeline solutions to address business needs. Define solution architecture and develop detailed process designs for day-to-day operation of the preclinical pipelines
- Ensure solution designs align with the overall data42 architecture. Facilitate peer reviews and secure sign-off from the preclinical lead and business stakeholders
- Coordinate and oversee the data engineering team's day-to-day activities, review and merge pull requests, manage the product delivery roadmap, and track progress on user stories in the JIRA board.
- Review pipeline releases and migration activities, conduct code reviews, serve as technical SME for the team. Lead and actively contribute to documentation efforts and audit readiness activities.
- Proactively manage release notes and communicate pipeline updates to stakeholders.
- Initiate and review architecture changes in the pipeline, ensuring regular optimization and continuous improvement.

Key performance indicators:

- Achieve high level of quality and timeliness of delivering preclinical pipeline deliverables as assessed by the Preclinical pipeline lead
- Ensure that technical documentation and pipeline management are aligned with standards and effectively maintained
- Collaboration with other data42 product teams and product technical leads
- Ability and effectiveness in training, mentoring and coordinating internal and external analysts assigned to

the same project as assessed by the functional/operational manager.

Job Dimensions:

The role involves close collaboration with the Preclinical pipeline lead to define the roadmap and delivery plans. Work with the team to ensure timely execution of deliverables, maintain technical documentation, and manage release communications to end users.

Minimum Requirements:

Education: Bachelor's/Master's degree in Computer Science, Applied Mathematics, Engineering, or any other technology related field; equivalent of the same in working experience may also be accepted

Work Experience:

- 8+ years IT experience, with 6+ years in Data Engineering on Big Data platforms.
- Ability to work and lead cross-functional team in a matrix organization. Led and mentored technical teams for 2+ years.
- Must have experience managing pipeline development activities, with strong project management skills.
- Strong communication skills with the ability to effectively collaborate with cross functional teams and stakeholders.
- Proficient in working with Git workflow for project execution; a strong understanding of DevOps (CI/CD framework) is essential.
- Had actively participated in agile work practices and coordinated with team members to ensure smooth project execution.
- Expertise in Python, PySpark and Spark.
- Hands-on experience with JIRA and Confluence for technical documentation. Responsible for technical documentation, audit readiness, and release management.
- Strong Analytical thinking and problem-solving skills.
- Expertise on Palantir Foundry Platform using Code Repository, Code Workbook, Data Connection, etc. components to develop data pipelines.
- Strong knowledge of AI/ML concepts with hands-on experience.
- Knowledge of preclinical in-vivo study data e.g. CDSIC SEND standard will be desirable.

Skills:

- Back-End Development.
- Code Analysis.
- OOD (Object-Oriented Design).
- Data Wrangling.
- Software Documentation.
- Software/Data Engineering.
- Software/Data Testing.
- Analytical thinking.
- CDISC SEND.
- Palantir Foundry.
- Unit Testing.

Desired Skills:

OOD (Object-Oriented Design), REST (Representational State Transfer), Software Design, Software Documentation, Software Engineering, Software Testing, Palantir Foundry, Unit Testing, CDISC SEND, Analytical thinking.

Languages :

- Fluent English (Oral and Written)

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

División
Biomedical Research
Business Unit
Innovative Medicines
Ubicación
India
Sitio
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
Research & Development
Job Type
Full time
Employment Type
Regular
Shift Work
No
Apply to Job

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.

Job ID
REQ-10033796

Data Engineering Tech Lead

Apply to Job

Source URL: *https://www.adacap.com/careers/career-search/job/details/req-10033796-data-engineering-tech-lead*

List of links present in page

1. https://www.novartis.com/about/strategy/people-and-culture
2. https://talentnetwork.novartis.com/network
3. https://www.novartis.com/careers/benefits-rewards
4. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Hyderabad-Office/Data-Engineering-Tech-Lead_REQ-10033796
5. mailto:diversityandincl.india@novartis.com
6. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Hyderabad-Office/Data-Engineering-Tech-Lead_REQ-10033796