

# Assoc. Dir. Dev. IT Data, Analytics, DS&AI

Job ID

REQ-10038359

Feb 06, 2025

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## Summary

- Experienced Platform data engineering lead to drive the architecture, design and build of foundation data platform technology platform capabilities to cater to various use cases in the Development portfolio.
- Bring thought leadership and deep technology expertise on various cloud data platforms.
- Drive the build out of the technology platform in collaboration with various internal and external partners with focus on data engineering capabilities.
- Support the implementation of technology standards in collaboration with the Architecture/Governance team.

## About the Role

- Drives the data architecture, data platform engineering development and data pipeline design and development activities.
- Build a deep understanding to the Development landscape – data, applications, and related processes.
- Working closely with business leads, IT teams, and other stakeholders to understand their data needs and requirements, and to ensure that data capabilities are aligned with business objectives, including cross-functional collaborations and managing relationships with external partners.
- As Platform Data Engg Lead take the accountability to ensure adherence to Security & Compliance policies and procedures as well as with other Novartis guidelines and standards also ensuring services, solutions, platforms, products are fit for purpose and achieve the desired business value and impact.
- Collaborates with EDM, D&AP in tech stack evaluations, tech simplification initiatives and EDO's on data strategy adoption. Deliver on the organization vision of Enterprise Data Management, adopt the EDM principles and improve the data maturity of the Development Organization.
- Ensure on time, within budget, compliant, secure, and quality delivery of portfolio of projects in Data Analytics and DS&AI.
- Partner with Platform Architecture team to understand the technical requirements, and create Architecture Design Record (ADR) where necessary to review/present/demo get the alignment/approval of respective stakeholders
- Establish a strong delivery team with design and execution excellence in Data Engineering, Manage & Work team of resources from Internal and external stakeholders, track the development/setup progress to achieve the sprint/milestones by helping/guiding/unblocking the issues.
- Lead the team members and provide thought leadership aligned with expected results ensuring consistency of implementation approach and adherence to applicable methodologies, processes, tools, and standards.
- Follow industry trends and emerging practices to drive agility, speed, efficiency, and effectiveness
- Ensure platform is compliance and are executed with adherence to regulatory requirements (in terms of Novartis standards and policies)
- Making sure platform adheres to GxP (Good x Practice)/Security compliance by partnering with key

stakeholders in Delivering NextGen Platform

- Understand the requirements, Architect/Design /Develop and Deployment of NextGen Platform Infra by engaging with Internal and external stakeholders.
- Platform lead ensure applicable project controls (enlisted in IMF) are assessed and addressed. Manage the pCMA to the IMF (Information Management Framework) procedures, to review and approve where applicable.

**Key performance indicators:**

- Delivery on agreed KPIs which are relevant for business impact & customer satisfaction
- Improvement in Data Engineering Maturity of the organization.
- Launch of innovative technology solutions across Novartis at scale.
- Business impact and value generated from DDIT solutions.
- Adoption and development of Agile, Productization and DevSecOps practices.
- Feedback on customer experience.

**Minimum Requirements:**

**Work Experience:**

- 12+ years of IT experience senior Technical Leader with focus on Data, Analytics and Data Science.
- 7+ years Analytics, Big Data, Cloud experience, proven skills & experience in Platform / Data Engineering in a highly qualified technical function and global matrix organization
- The ideal candidate should have practical experience and expertise in utilizing AWS services, such as Databricks, Automation, Integration, DevOps, and other related technologies.
- Proficiency in code management tools, CI/CD (Continuous Integration/Continuous Deployment), and automated testing is necessary.
- Proven track record of broad industry experience and excellent understanding of complex enterprise IT landscapes and relationships as well as driving business transformations
- Interactions with senior management, Track record delivering global solutions at scale, Collaborating across boundaries, Delivery of validated IT solutions, Experience delivering and managing analytics and digital solutions in pharmaceutical industry.
- Specialization in Pharma Domain is required and understanding of usage across the end-to-end enterprise value chain.

**Skills:**

- AWS Cloud, Platform Engineering with focus on Data Engineering.
- Strong Exposure to AWS Native Services, Databricks and Snowflake
- Service Delivery Management.
- Vendor Management
- Influencing Skills.
- Performance Management.
- Risk Management.

***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.***

***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](mailto: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>

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