NOVARTIS

# Senior Data Engineer - Data & AI Platforms

Job ID
REQ-10087165

十一月 05, 2026

India

## 摘要

#LI-Hybrid

Location: Hyderabad, India

Number of Openings: 4

Relocation Support: Yes

Imagine building the data foundations that power the next generation of artificial intelligence and digital innovation. As a Senior Data Engineer - Data & AI Platforms, you will play a pivotal role in designing and scaling enterprise-grade data platforms that enable advanced analytics, artificial intelligence, and business-critical insights. Working across cloud technologies, Snowflake, distributed processing, governance, and AI-enabled solutions, you'll transform complex data challenges into secure, high-performing, and reusable products. If you're passionate about modern data engineering, eager to work with cutting-edge technologies, and motivated by delivering real business impact, this is an opportunity to shape the future of data and AI at scale.

## About the Role

## Key Responsibilities

- Design, build, and optimize scalable data pipelines using Amazon Web Services, Snowflake, Python, and Apache Spark.
- Develop batch, event-driven, and distributed data processing solutions for enterprise-wide data products.
- Deliver reliable, high-performance data platforms that support analytics, artificial intelligence, and business insights.
- Implement data quality frameworks, monitoring, error handling, metadata management, and lineage capabilities.
- Enable strong governance through data cataloging, access controls, auditability, and compliance standards.
- Support artificial intelligence and machine learning initiatives through feature engineering and data pipeline development.
- Build reusable data assets and automation solutions that accelerate delivery and operational efficiency.
- Apply engineering best practices including version control, continuous integration, automated testing, and code reviews.
- Collaborate with product owners, architects, business stakeholders, and platform teams to deliver trusted data solutions.
- Mentor engineers and contribute to engineering standards, innovation, and technical excellence across the team.

## Essential Requirements

- 7+ Years experience building modern data solutions using Snowflake, Structured Query Language, Python, Apache Spark, and cloud technologies.
- Strong expertise in extract, transform, load and extract, load, transform processes, data modelling, orchestration, and performance optimization.
- Hands-on experience with Amazon Web Services services including Glue, Simple Storage Service, Lambda, Step Functions, and workflow orchestration tools.
- Experience implementing data governance, metadata management, lineage, compliance, and security controls using governance platforms.
- Familiarity with artificial intelligence and machine learning technologies, including Generative Artificial Intelligence, machine learning operations, and automation concepts.
- Experience applying continuous integration, continuous delivery, automated testing, version control, and cloud-native engineering practices.

## Desirable Requirements

- Experience supporting Generative Artificial Intelligence, Retrieval-Augmented Generation, or artificial intelligence-driven automation solutions.
- Experience mentoring engineers and driving adoption of engineering best practices across teams.

***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 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

**Benefits and Rewards:** Learn about all the ways we ' ll help you thrive personally and professionally. Read our handbook (PDF 30 MB)

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Operations

Business Unit
Information Technology

地点
India

站点
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

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6af1f72429a43086732512", provider: { widgetId: "10m7rm1pm", partnerId: "2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, muted: false, loop: false }, sources: { options: {}, startTime: 0 }, disableUserCache: "true", plugins: {}, sources: { options: {}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets: ['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get: kPlayer.ui.components.Remove } ] } }; // Check and add plugins only if they exist if (kPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if (kPlayer.plugins["transcript"]) { config.plugins["playkit-js-transcript"] = { position: "right", // Default: bottom;('left', 'right', 'top', 'bottom') to enable transcript. expandMode: "over", // Default: alongside;('alongside', 'hidden', 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled: false, printDisabled: false, disable: true }; } if (kPlayer.plugins["preventSeek"]) { config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; } config.plugins.floating = { disable: true }; if (kPlayer.plugins["navigation"]) { config.plugins.navigation = { position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if (kPlayer.plugins["hotspots"]) { config.plugins['playkit-js-hotspots'] = { disable: true }; } if (kPlayer.plugins["moderation"]) { config.plugins['playkit-js-moderation'] = { disable: true }; } if (kPlayer.plugins["info"]) { config.plugins['playkit-js-info'] = { disable: true }; } if (kPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if (kPlayer.plugins["googleAnalytics"]) { config.plugins.googleTagManager = {}; config.plugins.googleTagManager.customEventsTracking = {}; config.plugins.googleTagManager.containerId = 'GTM-57RJQ5'; config.plugins.googleTagManager.customEventsTracking.custom = []; config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents: false, playlistEvents: false, castEvents: false } }; }

// Ensure the global player registry array always exists, regardless of embed type.

window.kalturaPlayerVideos = window.kalturaPlayerVideos || []; try { var thumbEmbedPromise = thumbnailEmbed({config, mediaInfo: {entryId: "1dgfvmafo"}}); // thumbnailEmbed() returns a Promise that resolves with the player instance // when the user clicks the thumbnail. Use .then() to capture the player directly. thumbEmbedPromise .then(function(player) { window.kalturaPlayerVideos.push(player); // Notify kaltura datalayer.js that a new player is ready so it can // attach custom event listeners immediately, regardless of when // the user clicked the thumbnail relative to page load. document.dispatchEvent(new CustomEvent('kalturaPlayerReady', { detail: { player: player } })); }) .catch(function(error) { console.error(error); }); } catch (e) { console.error(e.message) }

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