

Associate Director - Data Science

Job ID
REQ-10085696

十月 05, 2026

India

摘要

Job Title: Associate Director - Data Science

#LI-Hybrid

Location: Hyderabad, India

Relocation Support: Yes

Join Novartis at the forefront of scientific innovation, where advanced Artificial Intelligence and Data Science are transforming how we discover insights and address unmet medical needs. As an Associate Director - Data Science, you will lead the design and delivery of next-Generation Generative Artificial Intelligence and agentic solutions, partnering with global stakeholders to solve complex biomedical challenges at scale. This is an opportunity to combine scientific curiosity, technical excellence, and strategic leadership to create measurable impact for patients, researchers, and the future of healthcare while shaping the evolution of enterprise AI capabilities across Novartis.

About the Role

Key Responsibilities

- Lead the design, development, deployment, and monitoring of Generative Artificial Intelligence and agentic solutions.
- Translate complex biomedical and business challenges into scalable data science and artificial intelligence strategies.
- Drive innovation by applying advanced analytics, machine learning, and enterprise data management practices.
- Partner with scientific, technical, and business stakeholders to deliver measurable impact and strategic outcomes.
- Establish robust data lifecycle practices to ensure trusted, accessible, and high-quality enterprise data.
- Guide cross-functional teams in solving critical business problems through data-driven decision making.
- Evaluate and adopt emerging technologies, tools, and methodologies to advance analytical capabilities.
- Communicate insights and recommendations effectively to senior leaders and non-technical audiences.
- Build organizational capabilities through mentoring, coaching, knowledge sharing, and best-practice development.
- Contribute to external scientific communities through research, publications, and industry collaborations.

Essential Requirements

- 8+ Years expertise in designing, deploying, evaluating, and scaling Generative Artificial Intelligence and agentic systems.
- Strong programming and software engineering experience using Python, application programming interfaces, and cloud platforms.
- Experience building production-grade solutions with testing, continuous integration, deployment, observability, and security practices.
- Demonstrated ability to apply machine learning, advanced analytics, and data science to complex business challenges.
- Strong stakeholder management skills with the ability to translate scientific needs into practical solutions.
- Excellent communication and leadership capabilities, influencing decisions across technical and non-technical audiences.

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 \(PDF 30 MB\)](#)

部门
Biomedical Research

Business Unit
Research

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:
"kalturaplayer6ac73906de939748971115", 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 kalturadatalayer.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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