

Director, Data Science (3 openings)

Job ID
REQ-10086525

8月 26, 2026

USA

摘要

#LI-Hybrid

This position plays a vital role in integrating AI-driven solutions across various platforms, fostering collaboration between the US commercial team and the India-based data science team. By championing the exploration of cutting-edge AI technologies, the Director ensures that our strategies are informed by the latest advancements in generative AI and large language models (LLMs). This role will collaborate with other members of the team to create, pilot, and scale AI tools to support broader goals to transform business processes and outcomes.

The ideal location for this role is East Hanover, NJ but a distant working arrangement may be possible in certain states. Distant workers are responsible for the cost of home office expenses and periodic travel/lodging will be determined necessary by hiring manager. For associates working on-site, relocation assistance to be within 50 miles of the site may be available. This position will require 10% travel as defined by the business (domestic and or international).

There are 3 positions available.

About the Role

Key Responsibilities:

- Lead the development and deployment of scalable AI solutions, focusing on advanced AI applications across various business units.
- Be prepared to engage in hands-on work when necessary to support the team and further our data science initiatives.
- Collaborate with cross-functional teams to integrate AI-driven solutions across various platforms and services.
- Drive innovation by staying current with advancements in AI, particularly in generative models and LLM technologies.
- Champion the exploration and integration of cutting-edge AI technologies, particularly in the field generative AI.
- Act as a key liaison between the US commercial team and the India-based data science team.
- Stay abreast of state-of-the-art foundation models and other innovative trends in data science and leverage these insights to inform our strategies.
- Bring a “can-do” attitude and teamwork and inspire others on culture change.
- Acts as an AI role model, championing a culture that embraces cutting-edge AI technologies and encourages experimentation and adoption of best practices

Experience:

Novartis is seeking an individual with proven experience working with machine learning models. They should have a strong ability to support cross-team development of AI programs. A firm commitment to driving continuous improvement in AI solutions, informed by current innovations, is vital to this role.

Essential Requirements:

- Advanced degree in Computer Science, Engineering, Statistics, or related field
- Minimum of 10 years of experience in data science, with 6 years of experience in the pharmaceutical industry is preferred.
- Build and deploy scalable machine learning models using cloud-based services such as AWS

and Azure

- Strong understanding of deep learning algorithms, foundational/ LLM models, statistics, and recommendation system
- Deep knowledge of Large Language Models (LLMs) such as GPT, BERT, Cohere, and their applications in real-world scenarios.
- Ability to operate in a hands-on capacity when necessary.
- Proficient in programming languages such as Python, Spark, TensorFlow, and PyTorch
- Experience with digital channel selection for “next best action”
- Excellent problem-solving skills and ability to identify creative solutions to complex problems
- Strong ability to effectively communicate and work across different time zones

Novartis Compensation Summary:

The salary for this position is expected to range between \$194,600 and \$361,400 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

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 \(PDF 30 MB\)](#)

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are 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 application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门
US

Business Unit
General Management

地点
USA

状态
New Jersey

站点
East Hanover

Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area
Data and Digital

Job Type
Full time

Employment Type
Regular

Shift Work
No

```
var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId:
"kalturaplayer6a901ffe1a611717629303", 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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