

Senior Manager Data Science

Job ID
REQ-10072514

3月 09, 2026

India

摘要

- Understand complex and critical business problems, formulates integrated analytical approach to mine data sources, employ statistical methods and machine learning algorithms to contribute to solving unmet medical needs, discover actionable insights, and automate processes for reducing effort and time for repeated use.
- Manage the implementation and adherence to the overall data lifecycle of enterprise data from data acquisition or creation through enrichment, consumption, retention, and retirement, enabling the availability of useful, clean, and accurate data throughout its useful lifecycle.
- High agility to be able to work across various business domains. High agility to be able to work across various business domains. Integrate business presentations, smart visualization tools and contextual storytelling to translate findings back to business users with a clear impact.
- Independently manage budget, ensuring appropriate staffing and coordinating projects within the area.
- If managing a team: empowers the team and provides guidance and coaching, with initial guidance from more senior leaders supervised. This is usually their first people manager experience.

About the Role

Major accountabilities:

- Project manage own tasks and works with allied team members; plans proactively, anticipates and actively manages change, sets stakeholder expectations as required, identifies operational risks and drives issues to resolution, minimizes surprise escalations, with initial support from supervisors
- Collaborate with internal stakeholders, external partners and cross-functional teams to solve critical business problems
- Understand life science data sources including preclinical, clinical, sales, contracting, promotions, social media, patient claims and Real World Evidence
- Research and co-develop with supervisor in data management, new algorithms, methods, statistical models and business models and providing insight into structured and unstructured data
- Quickly learn the use of tools, data sources and analytical techniques needed to answer a wide range of critical business questions
- Support the evaluation of the need for technology and novel scientific software, visualization tools and new approaches to computation to increase the efficiency and quality of the Novartis practices
- Independently identifies research articles and proposes them for application to Novartis business problems
- Develop automation for data management, repeatedly refreshing analysis and generating insights
- Articulates solutions /recommendations to business users.
- Works with senior data science team members to present analytical content concisely and effectively
- Ability to provide understandable and actionable business intelligence for key stakeholders
- May lead a small team or in-depth technical expertise in a scientific / technical field depending upon the career path (Manager/Individual contributor)
- Reporting of technical complaints / adverse events / special case scenarios related to Novartis products within 24 hours of receipt
- Distribution of marketing samples (where applicable)
- Ensure a healthy and safe workplace by complying with Novartis HSE and ISEC standards, implementing measures, providing training and resources, supporting employee well-being, investigating incidents, and collaborating with HSE teams to maintain a safe environment while adhering to quality, ethical, health, safety, and environmental requirements

Key performance indicators:

- Achievement and governance endorsement of data management, advanced analytics program tollgates
- Successful implementation based on KPI ' s and data management, advanced analytics program objectives

Minimum requirement: Work experience:

- 6+ years of relevant experience in Data Science

Skills:

- Artificial Intelligence (AI)
- Data governance
- Data literacy
- Data quality
- Data science
- Data Visualization
- Deep learning
- Machine Learning (ML)
- Machine Learning Algorithms
- NLP (Neuro-Linguistic Programming) and GenAI
- Statistical Analysis
- Time Series Analysis
- Python (Programming Language)
- R (Programming Language)
- SQL (Structured Query Language)
- Graph algorithms
- Logistic Regression Model
- Pandas (python)
- Biostatistics
- Change Management
- Stakeholder Engagement
- Learning Agility
- Curiosity

Language:

- English

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
Corporate

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

```
function adjustKalturaPlayer() { var deviceWidth = window.innerWidth ||
document.documentElement.clientWidth || document.body.clientWidth; var mediaElement =
document.getElementById("kalturaplayer69b309569d375014311596"); var mediaContainer =
mediaElement.closest('.nc-kaltura-media'); var originalWidth = "1200px"; var originalHeight = "674px";
var originalWidthValue = parseFloat(originalWidth); var originalHeightValue =
parseFloat(originalHeight); var mediaType = "video"; var isResponsive = false; // Get computed styles
of the container element. var parentStyles = window.getComputedStyle(mediaContainer); var
finalWidth = parseFloat(parentStyles.width); if (finalWidth <= 0) var config = { targetId:
"kalturaplayer69b309569d375014311596", provider: { widgetId: "10m7rm1pm", partnerId:
"2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false,
allowMutedAutoPlay: false, loop: false }, sources: { options: {}, startTime: 0 }, plugins: { download: {
disable: true }, "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 } }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false },
components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets: ['Playback',
'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get:
```

```
KalturaPlayer.ui.components.Remove } ] } }; config.plugins.preventSeek = { preventSeekForward:
false, preventSeek: false }; config.plugins.floating = { disable: true }; config.plugins.navigation = {
position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; config.plugins['playkit-
js-hotspots'] = { disable: true }; config.plugins['playkit-js-moderation'] = { disable: true };
config.plugins['playkit-js-info'] = { disable: true }; config.plugins.share = { disable: true };
config.ui.uiComponents = []; 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 } };
```

```
try { var kalturaPlayer = KalturaPlayer.setup(config); // Add the player to the global array. if (typeof
kalturaPlayerVideos !== 'undefined') { kalturaPlayerVideos.push(kalturaPlayer); } else { var
kalturaPlayerVideos = []; kalturaPlayerVideos.push(kalturaPlayer); } // Load the Player for other
media. kalturaPlayer.loadMedia({entryId: "1_dgfvmafo"}); setTimeout(() => {
setupAutoPause(kalturaPlayerVideos); }, 500); function setupAutoPause(players) {
players.forEach((currentPlayer) => { currentPlayer.addEventListener('play', () => {
players.forEach((otherPlayer) => { if (otherPlayer !== currentPlayer && typeof otherPlayer.pause ===
'function') { otherPlayer.pause(); } })); }); }); } catch (e) { console.error(e.message) }
```



VIDEO

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.

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