

## Expert Data Science, PCS

Job ID  
REQ-10081706

6月 25, 2026

India

### 摘要

Apply data science, statistical analysis, machine learning and text data mining techniques to derive actionable insights under the guidance of senior data scientists and project stakeholders. Works collaboratively with cross-functional teams to prepare, analyze, visualize and interpret data, develop reproducible analytical workflows, and communicate results clearly to technical and non-technical audiences.

### About the Role

Major accountabilities:

- Apply standard data science, statistical and machine learning methods to support research, operational and business questions across relevant scientific and functional areas.
- Perform data extraction, cleaning, transformation, integration and quality checks from multiple structured and unstructured data sources to enable reliable analysis.

- Conduct text data mining as a core responsibility, including processing, structuring and analyzing text-based data sources to identify trends, entities, relationships, classifications and insights relevant to project objectives.
- Support natural language processing activities, including text preprocessing, feature extraction, classification, clustering, entity recognition, topic modelling and evaluation of text-based analytical outputs.
- Build, validate and document predictive models, exploratory analyses, dashboards and visualizations under the supervision of more experienced data scientists.
- Contribute to the development of reproducible analytical pipelines using appropriate programming languages, libraries and version-control practices.
- Present analytical findings in a clear, concise and visually effective manner to project teams and business stakeholders, highlighting assumptions, limitations and recommended next steps.
- Collaborate with scientists, pathologists, data engineers, software engineers and other stakeholders to understand requirements, define analytical approaches and deliver timely outputs.
- Support evaluation and adoption of relevant data science tools, packages, visualization approaches and automation opportunities to improve efficiency and quality.
- Maintain awareness of current developments in data science, machine learning, natural language processing and analytics methods, and apply learnings to assigned tasks where appropriate.
- Ensure that work is performed in accordance with applicable data governance, privacy, documentation, quality and compliance requirements

#### Minimum Requirement:

- Bachelor ' s/ master ' s degree in data science, Computer Science, Statistics, Mathematics, Bioinformatics, or a related quantitative discipline.
- Approximately 2 -4 years of relevant professional experience in data science, applied analytics, machine learning, bioinformatics, computational biology or a related field.
- Must have practical experience with text data mining, natural language processing or analysis of unstructured text data.
- Proficiency in Python and common data science libraries such as pandas, NumPy, scikit-learn, matplotlib, seaborn or equivalent tools.
- Experience with statistical analysis, exploratory data analysis, predictive modelling and model evaluation. Experience preparing, cleaning and integrating data from multiple sources.
- Familiarity with databases and query languages such as SQL.
- Ability to create clear data visualizations and communicate analytical results to technical and non-technical audiences.
- Basic understanding of machine learning concepts including supervised learning, unsupervised learning, feature engineering, model validation and performance metrics. Familiarity with version control, preferably Git, and reproducible coding practices.

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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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部门

Biomedical Research

Business Unit

Development

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:
"kalturaplayer6a3dd4005e3d4853983652", 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 kalturaPlayer =
kPlayer.setup(config); // Add the player to the global array.
window.kalturaPlayerVideos.push(kalturaPlayer); // Load the Player for other media.
kalturaPlayer.loadMedia({entryId: "1dgvmafo"}); } catch (e) { console.error(e.message) }

```

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