

Senior Principal Analyst - Data Operations

Job ID
REQ-10004194
Dec 03, 2024
India

Summary

As a Senior Principal Analyst Data Operations in SDP, you will support the proper execution of scientific data pipelines and the improvement of data operations processes through collaborations with engineering, infrastructure, and data science teams.

You will support the implementation of data operations requests, help stakeholders with the execution of data governance processes, and help meeting data management standards.

You will analyze data quality, integrity, and security needs and inform any data operation processes about their criticality.

You will assist in data analysis and data reporting, and you will help implementing processes that ensure that data is processed and stored efficiently from data acquisition or creation through consumption, retention, and retirement, enabling the availability of useful, clean, and accurate data throughout its lifecycle.

About the Role

Major responsibilities

- Collaborate with infrastructure and engineering teams to develop data operations processes ensuring that data is processed and stored efficiently
- With CROs and data owners, define and operate data transfer, storage, and ingestion processes meeting Biomedical Research's needs
- Collaborate with data scientists and other stakeholders to develop new data operation processes or adjust existing data operation processes to satisfy new demands
- Help feeding data operations quality dashboards that report relevant and critical metrics to stakeholders
- Collaborate with scientists and help them understanding and acknowledging data-centric principles
- Troubleshoot technical issues related to data operations
- Analyze and support the implementation of data related compliance guidelines that meet research's data management needs and constraints

Required core skills and capabilities

This is a technical and process-oriented role requiring

- good understanding of biomedical research scientific business processes and the IT products and services used to deliver the respective capabilities.
- expertise in data operations and data ingestion practices
- good troubleshooting and problem-solving skills
- familiarity with data-centric principles and how to implement them into business processes
- knowledge of cloud services and infrastructure management

- expertise with data quality, data integrity, and data security aspects and with data lineage management.
- basic expertise of standard data analysis methods and data reporting tools

In addition, we expect a team-oriented spirit with a drive to support other team members for development and joint growth.

Qualifications

- Bachelor's degree or equivalent experience in Computer Science, Data Management, Information Systems, or a related field.
- Minimum of 3 years of experience in data management, data operations, or related roles
- 3+ years work experience in a drug discovery environment or related scientific field
- Strong technical skills in database management systems (e.g., SQL), data integration tools, data quality frameworks, scripting and data modeling
- Analytical and problem-solving skills, with the ability to identify insights and trends from data
- Strong communication skills, with the ability to collaborate effectively with cross-functional teams and stakeholders
- Technical expertise with cloud technologies (AWS, Google, or Azure)

Languages :

- 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?

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Division

Biomedical Research

Business Unit

Pharma Research

Location

India

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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