NOVARTIS

Principal RWE Scientific data analyst

Job ID
394053BR
Jun 13, 2024
India

Summary

The Principal RWE Scientific Data Analyst will lead programming activities aligned with RWE strategies, including the programming of Real World Evidence (RWE) studies and dashboards.

About the Role

Principal RWE Scientific data analyst

Location – Hyderabad #LI Hybrid
About the Role:
The Principal RWE Scientific Data Analyst will lead programming activities aligned with RWE strategies, including the programming of Real World Evidence (RWE) studies and dashboards.
Key Responsibilities:
• Lead projects in the development of programming routines (such as SAS or R) along with sophisticated SQL queries to extract, clean, manage, and analyze large databases for health outcomes research. Data sources include medical and pharmacy claims data, hospital data, electronic medical record data, and prospective observational study data.
• Provide guidance and translate the study design into algorithms to extract, analyze and report secondary data for Non-Interventional Studies (NIS) or interactive data visualization tools.
• Collaborate with the RWE Research Analysts to scope and design projects.
• Provide guidance in RWE tools such as R, R/shiny, SAS, Impala, git or JIRA.
• Conduct and provide guidance in observational data analyses including data management and statistical programming involving new creative approaches, as well as the design and development of RWE dashboards.
• Provide guidance on machine learning and data mining techniques such as random forest, GBM, logistic regression, SVM, deep learning.
• Substantial experience in dimensional reduction and R packages such as ggplot, plotly or t-sne.
• Drive consistency and compliance with company standards regarding project documentation for observational studies and interactive data visualization tools, including programming, specifications of analysis datasets, tables, figures and listings.

Commitment to Diversity & Inclusion: :

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

Essential Requirements
• Bachelor's degree or equivalent experience plus 8+ years as programmer or data scientist in the pharma

industry, contract research organization, or academic institute; or experience in a closely related field.

• Guide in the following R packages: Shiny, Rmarkdown, ggplot, plotly, data.table, dplyr.

• Experience in version control tools such as git or JIRA.

• Expert in setting up standardized programming scripts.

• Proven experience in SQL querying using at least one of the following Hive, Impala, MySQL, OracleSQL or similar.

Desirable Requirements:

• Project management skills and experience a plus.

• Solid experience with big data platforms such as Hadoop, Apache Spark completion.

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: https://www.novartis.com/about/strategy/people-and-culture

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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.

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: https://talentnetwork.novartis.com/network.

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Division
Operations
Business Unit
CTS
Location
India
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
Data Science
Job Type
Full time
Employment Type

Regular

Shift Work

No

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394053BR

Principal RWE Scientific data analyst

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