NOVARTIS

Data Engineer (Analytics Engineer)

Job ID
REQ-10028399
Nov 05, 2024
Japan

About the Role

Major Accountabilities (Describe the 5-7 main results of this role to be achieved)

- Assist the Data & Analytics team with technical issues and support data infrastructure needs
- Collaborate with Business Analysts and other stakeholders to translate business requirements into technical specifications
- Collaborate closely with Data Scientists towards greater efficiency and functionality in data processes
- Design, build, test, and maintain optimal data platform architecture in either AWS or Snowflake with DD&IT (i.e. IT Dept.)
- Specifically, leverage Snowflake's advanced capabilities to manage and optimize large-scale data warehousing and analytics.
- Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources in partnership with DD&IT
- Apply data practices in the aspect of data quality, data security, and data governance

Key Performance Indicators (Indicate how performance for this role will be measured)

- Customer satisfaction evaluation
- Customer satisfaction rating / feedback by internal stakeholders (Business Franchise Head, relevant management members, and DD&IT members)
- Analytics projects resulting in better decision making or tangible actions
- Literacy improvement as well as culture to make fact & data-driven decision making

Background (State the required education, experience level, and competency profile)

Education:

- Bachelor's degree and above in Analytics, Information Systems Management, Computer Science or related fields

Experience/Professional requirement:

- Experience designing efficient, robust, and automated data pipelines and ETL workflows and developing cloud-based solutions using AWS, Snowflake, or other cloud providers in the pharmaceutical industry, marketing, etc.
- Experience with Snowflake is particularly important due to its advanced capabilities in handling large-scale data warehousing and analytics.
- Strong knowledge in at least one object-oriented/object function scripting languages such as Scala, Python, Java, C++ etc

- Strong knowledge of relational databases and familiarity with a variety of SQL and noSQL databases
- Experience with big data tools: Hadoop, Spark, Kafka, etc.
- Experience performing root cause analysis on data and processes to answer specific business questions and identify opportunities for improvement
- Professional record demonstrating business impact; domain experience in areas such as pharmaceutical industry, customer analytics, CRM, and digital marketing will be beneficial
- Excellent documentation, communication and presentation skills, including the ability to explain and present the findings of technical work to non-expert audiences
- Excellent communication and stakeholder management skills and ability to integrate well into a team and build effective relationships
- Demonstrated experience in effectively leading and managing cross-functional teams to achieve project milestones and deliverables.
- Proven ability to foster a collaborative and motivated team environment, ensuring open communication and knowledge sharing among team members.
- Proven ability to collaborate effectively with global teams
- Previous track record of successfully delegating tasks, setting performance expectations, and providing constructive feedback to team members.
- Strong interpersonal skills with the ability to resolve conflicts, promote employee engagement, and maintain a positive work culture.
- Substantial leadership experience in guiding teams through complex projects, making critical decisions, and adapting to changing priorities.
- Proven ability to inspire and influence others towards achieving organizational goals, fostering a sense of ownership and dedication.
- Proven expertise in leading teams through organizational changes, demonstrating resilience and adaptability in the face of shifting priorities.

English Skill:

- Business level is required

Role Requirements

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

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Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: https://www.novartis.com/careers/benefits-rewards

Division
International
Business Unit
Innovative Medicines
Location
Japan

Site

Head Office (Japan) (Pharmaceuticals)

Company / Legal Entity

JP05 (FCRS = JP005) Novartis Pharma K.K.

Functional Area

Technology Transformation

Job Type

Full time

Employment Type

Regular

Shift Work

No

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