

【1200 ~ 1450万円】Snowflake Data Platform

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Job Information

Recruiter
JAC Recruitment Co., Ltd.

Hiring Company
外資製薬会社

Job ID
1624196

Industry
Pharmaceutical

Company Type
International Company

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
12 million yen ~ 14 million yen

Work Hours
09:00 ~ 17:15

Holidays
詳細は求人ご紹介時にご案内いたします。

Refreshed
November 26th, 2026 16:06

General Requirements

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Native Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

【求人No NJB2427242】
■Role Overview

The Principal Data Architect ・ Snowflake Data Platform will provide technical architecture leadership for the design evolution and governance of the enterprise data platform.

This role will define the target architecture and technical standards for a scalable secure and governed data ecosystem

centered on Snowflake supporting enterprise data engineering business intelligence advanced analytics and AI use cases .

The Principal Data Architect will work closely with Data Engineers BI and Analytics teams business stakeholders and global technology teams to translate business and data requirements into sustainable enterprise architecture.

This is not only an advisory architecture role. The successful candidate is expected to have deep hands on Snowflake expertise and be able to review technical designs challenge engineering decisions troubleshoot complex issues and provide practical architectural guidance.

■Key Responsibilities

1. Snowflake Platform Architecture

Define and evolve the target architecture for the Snowflake data platform.

Design scalable architecture patterns for enterprise data ingestion transformation storage consumption and analytics.

Establish architectural principles for database schema warehouse and data layer design.

Define architecture supporting BI Advanced Analytics Data Science and AI workloads.

Ensure architecture decisions balance scalability performance security maintainability and cost.

2. Enterprise Data Architecture

Define common architectural patterns for integrating major enterprise data domains.

Establish data layer and data modeling principles across source transformation and consumption layers.

Define reusable architectural patterns that can be adopted across markets.

Guide the design of trusted and reusable enterprise data products.

Ensure local market requirements can be accommodated without unnecessary architectural fragmentation.

3. Snowflake Security Access Architecture

Define Snowflake security and access control architecture.

Establish principles for role based access control and appropriate separation of responsibilities.

Partner with Security and Identity teams on enterprise access requirements.

Provide architecture guidance for secure handling of sensitive commercial and customer data.

Snowflake role design and security related approvals are already among the architecture topics documented internally.

4. Data Integration Transformation Architecture

Define architectural standards for data ingestion and transformation using Fivetran and dbt.

Establish patterns for source to Snowflake integration.

Define scalable approaches for ELT and transformation architecture.

Guide engineering teams on reusable dbt models and data layer design.

Review pipeline and transformation designs for architectural consistency.

5. Architecture Governance Design Authority

Serve as a technical design authority for major data platform initiatives.

Lead architecture and solution design reviews.

Review technical proposals and identify architecture risks dependencies and technical debt.

Define and maintain architecture standards principles and reusable patterns.

Ensure new data solutions align with the target architecture.

Partner with engineering teams to move from architecture design to practical implementation.

6. Platform Resilience Operational Architecture

Define architectural principles for platform resilience data protection and recoverability.

Partner with relevant technology teams on business continuity and disaster recovery requirements.

Identify architectural risks and recommend improvements to platform resilience.

Disaster Recovery for Snowflake has also been an active internal architecture topic.

7. AI Ready Data Architecture

Define a data architecture capable of supporting AI/ML and Generative AI workloads.

Establish architectural patterns for governed consumption of enterprise data by AI applications.

Work with Data Science and AI teams to ensure the underlying data platform supports emerging AI requirements.

Evaluate how Snowflake capabilities can be incorporated into the broader data and AI architecture.

Internal discussions also reference the use of Snowflake for AI related development and scaling data capabilities.

Required Skills

■Required Qualifications

・Snowflake Expertise

Deep hands on experience with Snowflake is mandatory including:

Enterprise Snowflake architecture and solution design

Data warehouse and analytical data architecture

Snowflake security and access architecture

Advanced SQL

Data modeling

Performance and scalability considerations

Production troubleshooting

Data integration architecture

・Data Engineering Architecture

Strong knowledge and practical experience in:

dbt

Fivetran

Modern ELT/ETL architecture

Enterprise Data Warehousing

Data Modeling

Data Integration

Data Quality

Data Governance

Git based development and CI/CD concepts

Cloud data architecture

The candidate should be technically strong enough to challenge and guide Principal/Senior Data Engineers rather than functioning only as a high level solution architect.

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■Language Requirements

・Japanese

Business level proficiency required

The candidate must be able to independently:

Conduct architecture discussions with Japanese stakeholders.

Translate business requirements into technical architecture.

Explain complex technical decisions to both technical and non technical audiences.

・English

Business level proficiency required

The candidate must be able to collaborate effectively with and global technology architecture security and data teams.

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■Preferred Qualifications

Pharmaceutical or Life Sciences industry experience

Experience architecting large scale enterprise Snowflake platforms

Experience with pharmaceutical commercial and customer data

Experience with Master Data Management

Data Governance and Data Quality framework experience

Experience designing platforms supporting Power BI

Experience supporting AI/ML or Generative AI solutions

Experience working across multiple markets

Experience establishing architecture standards and conducting technical design reviews

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■What We Expect from a Principal Data Architect

This role goes beyond producing architecture diagrams.

The successful candidate will:

Own the technical direction of the Snowflake data platform

Establish architecture standards and reusable patterns

Act as a technical authority for Snowflake architecture

Challenge and approve critical technical design decisions

Identify architectural risks and technical debt

Guide Data Engineers through complex implementation decisions

Bridge Global architecture standards and /Japan requirements

Remain sufficiently hands on to investigate and resolve complex platform issues

Company Description

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