



Urgent Hiring! Bilingual Data Engineer Exclusive job

Expanding business

Job Information

Recruiter

[Skillhouse Staffing Solutions K.K.](#)

Job ID

1607983

Industry

Petrochemical, Energy

Company Type

Large Company (more than 300 employees)

Non-Japanese Ratio

About half Japanese

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7.5 million yen ~ 11 million yen

Work Hours

9:00 - 17:30 (Mon-Fri)

Holidays

Saturday, Sunday, and National Holidays, etc

Refreshed

August 19th, 2026 12:56

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

One of Japan's leading energy groups is seeking an experienced **Data Engineer** to drive enterprise-wide AI Transformation (AX) initiatives.

The successful candidate will play a key role in building AI-ready data platforms, improving enterprise data governance, and supporting data-driven transformation across multiple business units. This role combines hands-on data engineering with business consulting, working closely with stakeholders to deliver impactful Data & AI solutions.

Responsibilities:

- Design, build, and operate cloud-based enterprise data platforms, including Data Warehouses (DWH), Data Lakes, and data pipelines.
- Develop scalable data models and support data migration from legacy systems.
- Improve enterprise data governance, including data quality management, metadata management, and standardization.
- Partner with business teams to identify Data & AI use cases and deliver transformation projects.
- Support BI platform development, dashboard implementation, and user adoption.
- Lead cross-functional data initiatives and collaborate with business, IT, and external partners.
- Provide technical guidance and promote AI/data capabilities across the organization.

Why You Should Apply:

- Lead enterprise-wide AI and data transformation initiatives at a major Japanese energy organization.
- Build next-generation AI-ready data platforms using modern cloud and data technologies.
- Collaborate with business leaders across multiple group companies.
- Gain exposure to Cloud, Data Engineering, BI, and Generative AI initiatives.
- Contribute to the digital transformation of Japan's critical energy infrastructure.

Company Details

Our client is one of Japan's largest integrated energy groups, operating across areas including energy production, distribution, renewable energy, hydrogen, and next-generation energy solutions.

The company is actively investing in AI, cloud technologies, and digital transformation to modernize its operations and create new business value. The Digital Transformation team is leading enterprise-wide AI adoption by building data-driven platforms that support innovation and operational excellence.

Work Location: Tokyo

Working Hours: 9:00 – 17:30 (Monday – Friday)

Work Style: Office-based (5 days/week initially, with 1 day WFH available after training completion)

Holidays: Saturdays, Sundays, National Holidays, Year-end & New Year Holidays, Paid Leave

Benefits: Transportation allowance, social insurance, welfare pension, employment insurance, workers' compensation insurance, regular health check-ups

Required Skills

- 3+ years of experience designing, building, and operating cloud-based Data Warehouses, Data Lakes, or enterprise data platforms.
- 3+ years of experience consulting with business stakeholders on Data & AI initiatives, including requirements gathering and project delivery.
- Experience bridging business needs and technology through data consulting.
- Experience developing BI platforms, dashboards, and driving user adoption.
- Experience with cloud platforms such as Azure, AWS, or Google Cloud.
- Knowledge of data governance, metadata management, and data quality improvement.
- Experience with enterprise AI, analytics platforms, Generative AI, or Machine Learning projects is a plus.

Company Description