



[E-only] Lead Data Scientist | #1 Ranked Reinsurer in Japan

Long-Term, Meaningful Challenges

Job Information

Recruiter

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

Hiring Company

#1 Ranked Reinsurer in Japan

Job ID

1579533

Industry

Insurance

Company Type

Large Company (more than 300 employees) - International Company

Non-Japanese Ratio

About half Japanese

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

15 million yen ~ 18 million yen

Work Hours

9:00-18:00, Monday-Friday *2 days / week Work-from-home

Holidays

Saturday, Sunday, 20 days annual Leave, refresh holiday, etc

Refreshed

February 20th, 2026 17:17

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

An exceptional opportunity for a senior data scientist to apply advanced analytics and statistical modeling directly to high

An exceptional opportunity for a senior data scientist to apply advanced analytics and statistical modeling directly to high-value underwriting, risk, and financial decisions in one of the world's most sophisticated insurance markets. Japanese proficiency is not mandatory, but a very strong advantage!

Why You Should Apply:

- **Direct Business Impact** – Your models will influence underwriting, pricing, longevity risk, and capital decisions tied to large-scale reinsurance transactions.
 - **Global x Japan Exposure** – Operate at the intersection of global analytics and Japan's highly advanced insurance market, collaborating with international stakeholders in an English-speaking environment.
 - **Senior-Level Influence** – Act as a trusted individual contributor, shaping modeling approaches and analytical direction — not just executing predefined tasks.
 - **Cross-Functional Leadership** – Work closely with actuarial, underwriting, finance, and product teams where analytics is central to strategic decision-making.
- Long-Term, Meaningful Challenges – Apply advanced data science to complex, real-world risk problems within a stable, globally respected organization.

Responsibilities:

- Design and validate predictive and machine learning models for underwriting, risk, and portfolio analysis
- Analyze large, complex datasets to generate insights that support business and risk decisions
- Develop and apply AI and Generative AI solutions, including LLM-based and agent-driven workflows
- Translate business problems into practical, scalable data science solutions
- Collaborate with cross-functional and client-facing stakeholders across the organization
- Communicate analytical results clearly to both technical and non-technical audiences
- Stay current with emerging data sources and AI technologies
- Provide technical guidance to junior data scientists as needed (no formal people management)

Required Skills

Required Skills:

- 10+ years of experience in data science, analytics, or statistical modeling
- Strong hands-on experience with Python and/or R
- Solid background in statistical and machine learning methods (e.g., GLM, ML, deep learning, time series)
- Practical experience with Generative AI and LLM-based solutions
- Experience deploying models and working with MLOps and governance frameworks
- Industry experience in insurance, reinsurance, finance, or risk-related domains preferred
- Strong communication skills and ability to work independently across teams

Company Description