



Lead Data Scientist

A US-based Leading Insurance Provider

Job Information

Recruiter

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

Job ID

1575607

Industry

Other (IT, Internet, Gaming)

Company Type

Small/Medium Company (300 employees or less) - International Company

Non-Japanese Ratio

About half Japanese

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

10 million yen ~ 12 million yen

Work Hours

M-F 9:00 - 18:00 3 days work in office and 2 days work from home

Holidays

完全週休2日制（土日祝）、年次有給休暇（入社6ヶ月後付与）+入社時特別有給3日 他

Refreshed

February 3rd, 2026 14:26

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

One of the world's largest Insurance Service provider is looking for a bilingual **Lead Data Scientist** for its Data Management Team. This position reports to the Head of Data Analytics team. The Lead Data Scientist will drive innovative approaches to understanding, interacting, and optimizing customer engagement

by leveraging advanced analytics to derive actionable business insights.

Responsibilities:

- Collaborate with business stakeholders to gather requirements, understand business context, and derive data-driven solutions
- Develop, deploy, and manage machine learning models and analytics projects, ensuring alignment with business objectives
- Utilize CI/CD, MLOps, Azure or similar cloud platforms, and DevOps to streamline development and deployment processes
- Apply hands-on expertise with Python, Pandas, AzureML, and PowerBI to develop and implement data models and analytics
- Ensure the responsible use of AI practices, adhering to ethical guidelines and compliance standards
- Employ best practices and methodologies from other markets to improve analytics and data solutions
- Proactively propose new solutions and enhancements based on emerging technologies and business needs
- Communicate effectively with team members and leadership through presentations and reports detailing analytics and machine learning requirements, progress, and outcomes

Why should you apply:

- Opportunity to work with global teams and great Work-Life-Balance
- Great team dynamics and learning opportunity
- Opportunities to work with World's leading insurance company (fortune 500 company)

Company Details:

A US based world's leading insurance providers, offering a broad range of life, health, and retirement solutions to individuals, families, and businesses. The company is heavily invested in digital transformation, utilizing advanced technologies like cloud computing, data analytics, AI, and cybersecurity to enhance customer experience and streamline operations. As part of its values, it has a strong focus on creating a diverse environment, and in particular on the appointment of women in high-level position.

Required Skills

- 5+ years of experience in advanced analytics roles, delivering successful business outcomes
- Proven leadership experience in managing data science or analytics teams
- Proficiency in quantitative methods and business analytics with strong problem-solving skills
- Expertise in building and applying data models using machine learning techniques such as classification, regression, clustering, time-series analysis, and dimensionality reduction
- Competent programming skills with Python
- Strong understanding of data visualization tools, particularly PowerBI or similar platform
- Experience with CI/CD, MLOps, and cloud platforms such as Azure for deploying analytics and ML solutions
- Hands-on experience with data analytics tools and libraries such as Pandas and AzureML
- Experience with Generative AI (GenAI) to stay ahead of industry trends and enhance analytics capabilities

Company Description