



## Data Scientist (English Only OK)

English as main Language

### Job Information

#### Recruiter

Skillhouse Staffing Solutions K.K.

#### Hiring Company

EC4908EC

#### Job ID

1564066

#### Industry

Other (Distribution, Retail, Logistics)

#### Company Type

Large Company (more than 300 employees) - International Company

#### Non-Japanese Ratio

Majority Japanese

#### Job Type

Permanent Full-time

#### Location

Tokyo - 23 Wards

#### Salary

7 million yen ~ 9 million yen

#### Work Hours

9:00 - 18:00

#### Holidays

National holidays, Paid leave, Family leave etc.

#### Refreshed

December 2nd, 2025 07:00

### 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

A Global IT Service firm is looking for a Data Scientist in Global Ad Technology Department

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#### Responsibilities:

- Problem definition for ad delivery optimization and the design of KPIs/metrics, along with observability (dashboards and alerts).
- Data preprocessing, feature engineering, modeling, and offline evaluation (including simulation) for price optimization, CTR/CVR and value prediction, and creative optimization.
- Online deployment and experiment design: A/B tests/bandits, calibration, rollout strategy planning, effectiveness evaluation, and continuous improvement.
- Production operations and MLOps: building training/inference pipelines; monitoring and drift detection; model updates and automated rollback; quality and privacy governance.
- Collaboration with internal stakeholders (product, engineering, sales/operations) on requirements definition, decision support, documentation, and knowledge sharing.

#### Why You Should Apply:

- Great opportunity to be able to work for well-established company
- Cross-departmental communication is possible in an international environment

#### Company Details:

A global company with a strong presence in multiple business areas. It has achieved sustained growth both domestically and internationally, including in the U.S. and Europe. The company boasts a diverse and international environment and is committed to equal opportunity, offering a wealth of career opportunities. Due to the diverse nature of our business, we handle a wide range of technologies! You can also choose the environment you are most comfortable with, such as Windows/Mac! Meals in the company cafeteria are also free. Our chefs are always coming up with new menu items, so you can enjoy your meal without getting bored!

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

Working Style: Hybrid (4 days in office, 1 day work from home)

Holidays: Saturday, Sunday, and National Holidays, Year-end and New Year Holidays, Paid Holidays, Other Special Holidays

Services/Benefits: Social insurance, Pension Plan, Transportation Fee, Free Cantine, Casual clothes and more

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### Required Skills

- 3+ years of hands-on experience in data analysis and machine learning using Python and SQL; proficiency with Pandas/NumPy/scikit-learn and data visualization tools
- Experience processing large-scale data (e.g., Spark, BigQuery) and building reproducible analytics environments (using notebooks and repositories together, code reviews, testing)
- Solid foundation in statistics, probability, causal inference, and experimental design (hypothesis testing, sampling, A/B test design and analysis, effect size estimation)
- Experience developing machine learning models (regression, classification; tree-based methods/GBDT/logistic regression/simple neural networks) with rigorous evaluation design (offline/online metrics, calibration)
- Foundational knowledge of online/digital advertising (CTR/CVR prediction, bidding and budget pacing, ad serving control, KPI optimization) or practical optimization experience in adjacent domains
- Feature engineering oriented toward price and serving optimization use cases; data quality management, leakage prevention, and handling delayed/late-arriving labels
- Production experience (model deployment, scheduling/pipeline operations, monitoring, implementing and operating drift detection)
- Communication skills for collaborating with stakeholders on requirements definition, analysis design, and decision support (including explaining and visualizing deliverables)
- Degree in computer science, information engineering, statistics, applied mathematics, or a related field; or equivalent practical experience

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### Company Description