[English only] AI Engineer | Databricks, ML & AI Governance

Enterprise Governance x Generative AI

Job Information

Recruiter
Skillhouse Staffing Solutions K.K.

Job ID
1619530

Industry
Insurance

Company Type
Large Company (more than 300 employees) - International Company

Non-Japanese Ratio
Majority Non-Japanese

Job Type
Contract

Location
Tokyo - 23 Wards

Salary
8 million yen ~ 11 million yen

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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Entry Level

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

[English] AI Engineer | Databricks, ML & AI Governance | Global Insurance | 8.4M–10.8M JPY/year

Why should you apply:

【Deploy AI/ML Solutions on an Enterprise Databricks Platform】

Develop and deploy machine learning solutions using Databricks, Python and Azure, covering feature engineering, model training and production deployment. Apply your skills to enterprise AI initiatives in the insurance industry.

【Manage the Model Lifecycle with MLflow and MLOps】

Work across experiment tracking, model lifecycle management, monitoring and optimization. Build AI solutions designed for production environments, rather than limiting your work to model development alone.

【Combine AI Development with Enterprise Governance and Generative AI】

Work with Unity Catalog, model governance, data lineage and security controls while exploring applications involving LLMs and Azure OpenAI. This role brings AI engineering together with the governance requirements of enterprise deployment.

Hiring Company:

A global insurance company serving customers in more than 50 countries, with an established presence in Japan.

Responsibilities:

- Develop, train, deploy and optimize AI/ML models using Databricks, Python and Azure.
- Build AI/ML workflows covering data preparation, feature engineering, model training and deployment.
- Use MLflow for experiment tracking and model lifecycle management.
- Develop predictive analytics solutions for insurance-related business applications.
- Apply AI and data governance practices, including model monitoring, access controls and data lineage.
- Develop Generative AI and LLM-based applications using technologies such as Azure OpenAI or Databricks AI capabilities.
- Build Python APIs and integrate AI solutions with enterprise data platforms and applications.
- Monitor and improve production models and pipelines in collaboration with engineering and business teams.

Required Skills

Required Skills:

- 3–5 years of hands-on experience with Databricks, including AI/ML development and Azure integration.
- Strong Python and SQL skills, with experience developing and deploying machine learning models.
- Understanding of machine learning, predictive analytics, feature engineering and model deployment.
- Experience with MLflow, MLOps or similar model lifecycle management tools.
- Knowledge of AI/data governance, including Unity Catalog, access management, data lineage and model governance.
- Experience with Azure cloud services and enterprise data platforms.
- Advanced English proficiency.
- Bachelor's degree in computer science or equivalent professional experience.

Preferred Skills:

- Experience developing Generative AI or LLM-based applications.
- Familiarity with Azure OpenAI, Azure AI Foundry or Databricks AI capabilities.
- Experience with production model monitoring, responsible AI practices and enterprise API integration.

Working Hours:

Monday–Friday, 9:00–18:00

Working Style:

Hybrid: 3 days working from home and 2 days in the office.

Location: Tokyo.

Employment Type:

Initially 12 months, with potential extensions. A longer-term engagement of approximately 3–4 years is anticipated but not guaranteed.

Holidays:

Saturdays, Sundays, national holidays, year-end and New Year holidays, and paid leave.

Services / Benefits:

- Monthly compensation: JPY 700,000–900,000
- Approximate annual equivalent: JPY 8.4M–10.8M
- Transportation expenses up to JPY 20,000 per month
- Social insurance and periodic health examinations

Company Description