Data Scientist_AI Technology Development Dept.

Flex&Fully Remote Work★Venture Company

募集職種

人材紹介会社
G Talent（ビズメイツ株式会社）

採用企業名
★Featured Mobility Related Business★

求人ID
1491596

業種
インターネット・Webサービス

雇用形態
正社員

勤務地
東京都 23区

給与
600万円 ~ 1200万円

勤務時間
Flextime

休日・休暇
Saturday/Sunday/National Holiday, Annual Paid Leave, etc.

更新日
2024年08月27日 16:00

応募必要条件

職務経験
3年以上

キャリアレベル
中途経験者レベル

英語レベル
無し

日本語レベル
ビジネス会話レベル

最終学歴
高等学校卒

現在のビザ
日本での就労許可が必要です

募集要項

【About the company ...】

The company's mission is to "make people happy through mobility." and provides IT services that update the mobility industry, including cab apps and next-generation AI drive recording services.

▼Service List

■Cab App
This cab dispatch application was created by integrating "JapanTaxi" operated by Nihon Kotsu and "MOV" operated by DeNA. Although this application is based on MOV, it also allows users to request cab dispatch from cab companies that had partnered with JapanTaxi.

■Next Generation AI Drive Recording Service
AI-based drive recorder constantly analyzes driving. It automatically detects various risky driving behaviors that may cause accidents, such as looking aside or failing to stop for a moment, and leaves a video record of the accident. Based on AI-detected video and analysis data, specialized personnel dedicated to safety management will work with your company's team to help prevent driving accidents and improve operational efficiency.

■Cab App Corporate Services
In addition to cab ordering, the system includes corporate functions such as expense reimbursement. In addition to visualizing information on employee cab usage, the system also allows for more efficient expense reimbursement through invoice payment.
Areas covered will start from Tokyo, Osaka, Kyoto, Hyogo, Aichi and some other areas.

【 Job Description 】

As a data scientist supporting the "GO" cab dispatch application and DRIVE CHART business, you will be responsible for defining requirements, formulating specifications, data analysis, data preprocessing, AI service implementation, accuracy improvement, and other tasks related to building machine learning models and algorithms for cab demand sharing forecasts and dangerous driving behavior detection, as well as the actual application of forecast models. The company is looking for someone who can solve a variety of problems with light footwork.

【Responsibilities】
・Define requirements and design predictive models/algorithms by communicating with business units and customers
・Construction of forecasting models/algorithms based on various data sources, with a focus on machine learning, and improvement of their accuracy.
・Implementation of predictive models/algorithms into actual services and their continuous improvement and monitoring

【Development Environment】
Programming language: Python
Libraries: pandas, scikit-learn, LightGBM, TensorFlow, PyTorch
Databases: BigQuery, Aurora (MySQL)
Visualization: Redash, Kepler.gl, Plotly

【Organization】
■Algorithm Group: 8 members
The Algorithm Group is responsible for discovering issues and examining measures in cooperation with the business unit, PdM, engineers, and other personnel, and promoting the addition and improvement of necessary functions in the actual service.

■Data Science Group: 7 members
This group is responsible for the construction and operation of prediction models to detect dangerous driving behaviors for the AI DRIVE CHART service. They place the utmost importance on the actual application of machine learning to the service, and we are building and improving the prediction model by facing the data.

*You will be assigned to one of the two positions.

【 Working time 】

Flextime System

【Holidays】
・Saturdays, Sundays and National Holidays
・Paid leave (up to 10 days in the first year, depending on the month of employment * Granted on the date of employment)
・New Year vacations
・Celebration and condolence leave
・Nursing care leave (5 days per year per family member in need of nursing care)

【Welfare】
・Full social insurance
・Trial cab system (10,000 yen/month): Company pays for a ride to get to know the cab
・New Normal Allowance (3,000 yen/month)
・Welcome Lunch
・Subsidy for book purchases
・Participation in technical conferences (in Japan and abroad)
・Club activity system
・No dress code

スキル・資格

【**Required**】
・Experience in data analysis using Python (other languages negotiable)
・Working experience in data processing, data analysis, and data visualization
・Practical experience using machine learning
・Experience using databases with SQL
・Experience in team development using source code management systems such as Github
・Knowledge of statistics, mathematics, and computer science at the college level

【**Preferred**】
・Experience in continuously applying predictive models using machine learning/rule-based logic in real services
・Experience in building predictive models using scikit-learn, various gradient boosting libraries, various Deep Learning frameworks, etc.
・Experience in implementing mathematical optimization, search algorithms, reinforcement learning, etc. for practical systems
・Experience in working with large-scale data
・Experience winning medals in Kaggle and other analysis competitions
・Experience developing machine learning systems using AWS, GCP, and other cloud computing platforms
・Experience in building predictive models using Linux environment
・Management experience in development projects

【**Ideal Applicants**】
・Able to work independently while communicating closely with members from various areas inside and outside the company
・Interested in machine learning applications and problem solving in real services
・Able to think, act, and promote autonomously to improve services.
・Empathy for the evolution of the mobility field and its contribution to society, and the ability to commit to the service itself, not just the technology.
・Able to acquire new skills on their own as needed, without being obsessed with a specific technology.
・Able to communicate with others in a respectful manner in team development

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会社説明