

【1000 ~ 1400万円】【CET】Cutomer Experience IT Associate Director D…

アストラゼネカ株式会社での募集です。 IoT・AI・データマネジメントのご経験…

Job Information

Recruiter
JAC Recruitment Co., Ltd.

Hiring Company
アストラゼネカ株式会社

Job ID
1606063

Industry
Pharmaceutical

Company Type
International Company

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
10 million yen ~ 14 million yen

Work Hours
09:00 ~ 17:15

Holidays
【有給休暇】初年度 10日 1か月目から 【休日】完全週休二日制 土 日 祝日 年末年始 年末年始休暇、私傷病休暇、サバティカ…

Refreshed
October 30th, 2026 01:00

General Requirements

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Native Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

【求人No NJB2398979】
The Associate Director Data Scientist is responsible for applying advanced analytics machine learning epidemiology and real world data methods to support AstraZeneca Japan’s commercial PDCA cycle and evidence based decision making.

The role builds and maintains models for territory planning HCP targeting performance monitoring sales target setting new patient forecasting gap analysis corrective action recommendations and evaluation of commercial interventions. It also leads

root cause analysis to explain performance gaps across HCPs facilities regions channels and time periods.The role leverages Japan specific real world data sources such as MDV JMDC NDB and DPC together with public health and policy data to generate insights for market shaping brand strategy patient journey analysis care pathway optimization HTA value demonstration and post marketing surveillance. Epidemiological methods are used to estimate patient populations diagnosis rates treatment patterns and care gaps across therapy areas.

The position develops forecasting and scenario simulation models that incorporate epidemiology market dynamics competitive activity policy signals and pricing assumptions. These models inform long range planning brand planning investment decisions and resource allocation.Technically the role designs analytical pipelines and platforms that integrate structured data RWD and public information for scalable machine learning applications. It promotes modern methods such as deep learning NLP agentic AI and parallel computing while ensuring model quality reproducibility version control monitoring and retraining.

The role also partners with brand teams market access medical affairs business excellence IT external vendors and analytics partners to translate business questions into analytical solutions manage project delivery and communicate insights through clear visualization documentation and storytelling. Finally it contributes to capability building by mentoring junior professionals promoting analytical best practices and supporting the CET data science community.

Required Skills

■Experience
Mandatory

・・・・7+ years of experience in data science machine learning or quantitative analytics with substantive project delivery
・・・・5+ years of experience in pharmaceutical healthcare or life sciences industry strongly preferred（consulting experience in pharma commercial analytics also valued）
・・・・Demonstrated experience building and deploying ML models in a production environment
・・・・Demonstrated experience working with real world data（claims EHR registry data）epidemiological methods and public health data sources
・・・・Experience leading cross functional analytical projects with both business and IT stakeholders・・・・Experience managing project scope schedule and outcome quality across multiple parallel workstreams
・・・・Experience managing senior stakeholder expectations to maximise value for both business partners and the analytics team

■Skill set
Mandatory

・・・・Strong analytical thinking with ability to translate complex business questions into rigorous analytical frameworks
・・・・Solid business acumen with understanding of pharmaceutical commercial dynamics brand lifecycle and market access
・・・・Strong communication skills・able to explain complex analytical concepts to non technical stakeholders through clear documentation and visualisation
・・・・Proven leadership capability・able to mentor junior team members and lead small project teams
・・・・Strategic mindset with the ability to prioritise high impact opportunities and manage detailed tasks across multiple parallel projects
・・・・Effective collaborator across business IT and external vendor relationships
・・・・Business level proficiency in Japanese and English

Company Description

医療用医薬品の開発、製造及び販売