



【Medical】メディカル本部 エビデンス オブザベーションナリサーチ統括部 Data Scientist

アストラゼネカ株式会社での募集です。メディカルデータマネジメントのご経験のあ...

Job Information

Recruiter

JAC Recruitment Co., Ltd.

Hiring Company

アストラゼネカ株式会社

Job ID

1608471

Industry

Pharmaceutical

Company Type

International Company

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7 million yen ~ 10 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 年末年始 【有給休暇】※入社月により付与日数が異なります。詳...

Refreshed

September 3rd, 2026 18:00

General Requirements

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Native

Minimum Education Level

Post Grad Degree (PHD/MBA etc)

Visa Status

Permission to work in Japan required

Job Description

【求人No NJB2402703】

■職務内容 / Job Description

・ A lead Data Scientist (DS) is an expert role in Real World Data (RWD) analysis to provide scientific expertise in evidence generation so that key research questions are sufficiently addressed and set target population for research. And all

researches/analyses are planned and delivered in a way that represent cutting edge science methodologies technologies processes and solutions in the Pharm industry. Lead Data Scientist reports to director of Data Science Medical. • •

- Lead/co lead observational/database research and data analysis including Market/R D analysis
- Assess study design/target population/data source/data handling/analytical method and give clear inputs from an epidemiological point of view
- Oversee vendors and manage timeline quality of outputs resource cost of their responsible researches •
- Survey assess the necessary information for database and recommend database that fits for research/analytical purpose
- Develop AI use fit for purpose
- Implement AI (including Generative AI) to their work process not only for simplifying DS regular tasks but also for advancing them
- Support for PARCS led by Pharmacovigilance department

Required Skills

■ 応募資格 (経験、資格等) / Qualification (Experience Skill etc.)

【経験 / Experience】

< 必須 / Mandatory >

- Design analyze interpret and publish researches for Data Science/Epidemiology/Clinical/Statistics
 - Manage and/or lead group of members who are responsible for conducting clinical/epidemiologic research analysis of data reading of the data for efficacy safety clinical effectiveness and epidemiological assessments (acceptable even if the leadership is primarily focused on the scientific features) *
- *Mandatory only for those with pharmaceutical industry experience
- Make manuscript for their own specialized topics

< 歓迎 / Nice to have >

- Reviewing assessing and using Real World Data for research purposes to address clinical/research questions
- Networking integrating and using EMR (electronic medical records) /EHR (electronic health record) data for clinical/epidemiological research
- Using/applying bioinformatic methodologies to analyze medical data/database/scientific research

【資格 / License】

< 必須 / Mandatory >

- • Master's degree in public health or equivalent (individuals holding Data Science/Engineering/Pharmaceutical science/biostatistics degree are acceptable but should have had the sufficient experience specialized in clinical development/epidemiological research)

< 歓迎 / Nice to have >

- • PhD in Data Science/Engineering/Pharmaceutical science/biostatistics or MD degree is desirable

【能力 / Skill set】

< 必須 / Mandatory >

- Apply appropriate study design analytical methods to observational / Epidemiological / pragmatic interventional studies to combine business and scientific agenda
- Lead the interpretation of the scientific data the translation to the appropriate messaging and drafting manuscript of relevant scientific publications •
- Take a leadership in analyzing medical evidence gap spotting opportunities/requirements for evidence generation and integrate them into a clear evidence plan/option in the cross functional team
- Assess scientific feasibility in using/integrating databases for the research purposes
- Develop AI for making efficient way for daily work
- Manage project in planning execution and assessment and apply the tools/frameworks/concepts to drive the effectiveness/performance of project teams •
- Solid communication and interpersonal skills to enable effective leadership coaching and collaborations
- Programming skills in at least one of the following languages: SAS R or Python

< 歓迎 / Nice to have >

- Develop prompt of AI to get accurate answers
- Apply health technology assessments to make clear drug characteristics

【語学 / Language】

< 必須 / Mandatory >

日本語 Japanese :

- Read/write scientific documents including data speculation in Japanese
- Communicate/discuss IT/bioinformatics topics with the key stakeholders and experts in Japanese practically

英語 English :

Read/write scientific documents including data speculation in English

- Communicate and discuss IT/bioinformatics topics with the key stakeholders and experts in English practically
- Make a English presentation • leading and facilitating research discussions in the global meetings

【その他 / Others】

< 必須 / Mandatory >

- Communicate with external experts to search for suitable computer environment in AZ KK
- Learn new methodology and knowledge with respect to machine learning and neural network

Company Description

