

Job Description

Pharmatelligence Ltd (trading as Human Data Sciences)

Job Title: Research Data Scientist
Department: Research
Reports to: Data Scientist Lead

About Human Data Sciences (HDS)

Human Data Sciences is a healthcare data consultancy which specialises in the analysis of independent real-world evidence for healthcare services and the pharmaceutical industry. We have over 20 years of specialist knowledge and operational experience enabling us to deliver real-world evidence to improve understanding of treatment effectiveness and safety and guide better decision-making in healthcare. We have published more than 200 papers and abstracts in peer-reviewed journals and have supported numerous applications to reimbursement authorities including the National Institute for Health and Care Excellence. We are an expert supplier of research services using the Clinical Practice Research Datalink, the UK's leading healthcare data source.

We are at an incredibly exciting stage of our journey. We have recently launched Livingstone, our proprietary solution that analyses electronic medical record data, producing real-world evidence (RWE) and scientific reports (epidemiology/healthcare resource utilisation & costs) in minutes. Driving a new era in global health analysis, through Livingstone®, the prevalence of all diseases in the ICD-10 coding taxonomy has been calculated. Published via www.PrevalenceUK.com – this ground-breaking insight will empower medical professionals, researchers and the public with the ability to access and understand the frequency and occurrence of all diseases amongst the UK population. Livingstone and PrevalenceUK present an exciting opportunity for our company and for the research industry. Currently a multi-disciplinary team of 37, we are a diverse team pushing the boundaries in the work that we do. We offer a collaborative working environment and a chance to make a difference.

HDS is looking for a Research Data Scientist to join its team. You will be working in collaboration with our clients on research projects using electronic health records and clinical trial data to investigate and improve healthcare outcomes.

This post will give you the opportunity to:

- Build a career in healthcare research
- Work across a broad range of therapeutic areas
- Further develop your programming and statistical analysis skills
- Present abstracts at scientific conferences and publish manuscripts in peer reviewed medical journals

Overview of role:

To work within a team of epidemiologists, statisticians and data scientists to analyse real-world and clinical trial data. Working across a broad range of disease areas you will be involved in all stages of a research project, including client consultation, study design, programming and analysis, and the interpretation and presentation of results.

Main job responsibilities:

- Use programming packages such as R or Python to perform data analysis and produce statistical models
- Take ownership of projects to ensure the delivery of results adhering to study timelines
- Develop project protocols, statistical analysis plans and clinical study reports
- Produce high quality publications for peer-review journals
- Represent Human Data Sciences at scientific conferences to present study results
- Work closely with other members of the project team to understand project objectives and timelines to ensure the delivery of projects from start to finish
- Attend external meetings with our clients to plan projects and present findings

We are looking for someone who is:

- Client-focused and committed to the delivery of high-quality, real-world research
- Self-motivated, well organised and adaptable
- Able to work under tight deadlines
- Able to grasp new concepts quickly while remaining thorough and precise

Essential criteria:

- A MSc or higher qualification preferably in mathematics, statistics, epidemiology or a scientific background however applications from other disciplines are welcome
- 3+ years of experience as a Research Data Scientist or in a similar role
- Experience of routine healthcare datasets such as CPRD, SAIL, THIN, HES or PEDW.
- Knowledge of classification systems and terminology used in healthcare research
- An understanding of epidemiology.
- Proficient in at least one programming language, preferably R
- Familiar with Word, Excel and PowerPoint for presenting data in a variety of formats
- An interest in medical research and healthcare
- An understanding of statistics
- An excellent command of written English
- Organised and able to work within a fast-paced environment with quickly changing priorities and able to deliver results within tight deadlines
- An analytical mind and excellent attention to detail

Desired criteria (not essential):

- Prior experience with data manipulation using programming languages such as SQL
- An interest in data mining and machine learning techniques
- The ability to perform literature searches and systematic reviews

What We Offer:

Competitive salaries, company pension and flexible working
 A supportive culture with comprehensive onboarding
 Collaboration with skilled and innovative teams
 Commitment to ongoing personal and professional development

Job Type: Full-time
 Location: Office based
 Salary: £36,000-£48,000 depending on experience
 Closing Date:

We reserve the right to close this advertisement early if we receive a high volume of suitable applications.
 No recruitment agencies please.