

Data Analyst – Translational Research

Prostate Cancer Research

Working hours: 35 hours per week

Salary: £43,500-£48,500

Team: Translational Research

Location: Hybrid (office in London)

Contract: Permanent

Line Managed By: Senior Data Analyst

Job Description

We are seeking a motivated and inquisitive Data Analyst to join our Translational Research team.

This role will support the generation, interpretation, and communication of research insights derived from a range of healthcare, clinical, patient-reported, and real-world datasets. The successful candidate will work collaboratively with colleagues and external partners to help transform data into meaningful evidence that informs research, healthcare decision-making, policy development, and patient outcomes.

The role offers an exciting opportunity to contribute to impactful research programmes and innovative initiatives that advance understanding of prostate cancer and improve patient care.

Key Responsibilities

Data Analysis, Feasibility and Insight Generation

- Analyse healthcare, clinical, patient-reported, registry, and other research datasets to identify statistically significant trends, patterns, and meaningful insights.
- Support the development of evidence and analytical outputs that inform research programmes, strategic priorities, healthcare decision-making, and external collaborations.
- Apply appropriate analytical and statistical methods to answer research and business questions.
- Interpret findings and identify their implications, opportunities, limitations, and areas requiring further investigation.
- Contribute to the evaluation of interventions, programmes, treatments, services, and healthcare innovations.
- Support feasibility assessments for proposed projects, including data availability, cohort size, eligibility criteria, survey feasibility and analytical complexity.
- Support cohort identification, eligibility checking, segmentation and participant/sample selection for studies.
- Support data cleaning, transformation, validation and documentation across datasets.

Reporting and Communication

- Prepare clear, accurate, and engaging reports, summaries, dashboards, and presentations for a range of internal and external audiences.
- Present complex analytical findings in formats that are accessible to both technical and non-technical stakeholders.
- Support the development of evidence-based communications, publications, grant applications, and research outputs.
- Work closely with colleagues to ensure insights are translated into actionable recommendations.
- Contribute to client-ready reports, dashboards, slide decks and summaries, ensuring findings are accurate, clear and appropriately caveated.

Collaborative Working

- Work collaboratively with multidisciplinary colleagues and external partners.
- Contribute analytical expertise to research planning, study design, grant applications, and collaborative projects.

Quality and Governance

- Ensure analytical outputs meet high standards of accuracy, transparency, and scientific rigour.
- Support compliance with relevant data governance, confidentiality, information security, and research standards.
- Maintain awareness of best practices in data analysis and evidence generation.
- Support preparation of data specifications, cohort definitions, analysis plans and documentation for governance and Data Access Committee review.
- Maintain clear documentation of analytical decisions, assumptions, methods, limitations, code, data transformations and quality checks.
- Ensure analytical work is delivered in line with approved project scope, consent parameters, data access permissions and information governance requirements. Data Analysis, Feasibility and Insight Generation

Skills and Competencies

Our ideal candidate would have the following:

Qualifications

- Bachelor's degree in Data Science, Statistics, Mathematics, Health Informatics, Epidemiology, Public Health, Life Sciences, Economics, or a related discipline.
- Relevant analytical experience may be considered in lieu of specific degree subject.

Experience

- Experience analysing and interpreting data to generate insights and support decision-making.
- Experience working with structured datasets and producing reports, dashboards, or analytical outputs.
- Experience working collaboratively within multidisciplinary teams.

- Healthcare, research, charity, public sector, or life sciences experience desirable but not essential.

Knowledge

- Understanding of data analysis principles and basic statistical methodologies.
- Awareness of research methods and evidence generation approaches.
- Appreciation of the role of data and evidence in healthcare improvement and decision-making.
- Understanding of data quality, governance, and confidentiality requirements.

Skills

- Strong analytical and problem-solving skills.
- Excellent written and verbal communication skills.
- Ability to present complex information clearly and concisely.
- Strong attention to detail and commitment to accuracy.
- Good organisational skills.
- Proficiency in Microsoft Excel and data analysis or visualisation tools.
- Experience with R and one or more of the following analytical tools: Python, SQL, Power BI, Tableau, or equivalent.

Personal Attributes

- Curious and intellectually engaged.
- Evidence-driven and solution-oriented.
- Collaborative and comfortable working across disciplines.
- Adaptable and keen to develop new analytical skills.

How To Apply

Please apply by submitting your CV and a short supporting statement (maximum 600 words) outlining why you would like the role and why you think you'd be a good fit, giving examples of previous experience.

There will be a one two-stage interview process. The first interview will be online, and the second will be a more informal in-person interview at our office in London.

For more information about the role, please contact our hiring team at careers@pcr.org.uk for an informal chat.

For more information about our organisation, visit the Prostate Cancer Research website: [Home - Prostate Cancer Research](#)

The Prostate Progress webpage: [Prostate Progress - Prostate Cancer Research](#)

And the PCR online patient resource, [The Infopool: Home | Infopool](#)

PCR is an equal opportunity employer committed to diversity and inclusion. We welcome applications from all qualified individuals regardless of their race, gender, disability, religion/belief, sexual orientation, or age.