

Data Scientist

Person Specification

We will use these criteria to assess your suitability for the job.

Essential

1. Proficiency in data preprocessing, analysis, and applying advanced statistical and machine learning techniques, for building and evaluating models, uncovering patterns and trends, and creating tools.
2. Strong stakeholder management skills and ability to work with others to understand their key questions and needs and identify opportunities where data science could add value.
3. Demonstrated proficiency in using Python for data science, with additional skills in R and SQL desirable.
4. In-depth technical knowledge of common data science frameworks and libraries for machine learning and advanced statistical analysis.
5. Sound knowledge of data engineering and data management principles, including data pipelines, data quality, data governance and data security.
6. Ability to create and foster a data science culture by sharing knowledge and best practices, delivering training and mentoring colleagues.
7. Ability to deliver outputs within required timescale while maintaining high accuracy and excellent attention to detail.
8. Effective verbal and written communication skills with an ability to convey complex algorithms, methods and results to both technical and non-

technical audiences. Skilled in creating clear training materials and documentation for the use of data science tools.

9. Curiosity for exploring new data science methods and willingness to undertake further training as required.
10. Where required, demonstrate flexibility and a willingness to take on diverse tasks and responsibility beyond the defined role to support organisational needs and achieve HDRC objectives.

Desirable

1. Advanced degree (Master's or PhD) in Data Science, Computer Science, Statistics or a related discipline.
2. Experience of using data, analysis and research to improve health and wellbeing and address health inequalities.

Our Values

Do you share our values of **proud**, **fair**, and **ambitious**?