JOB TITLE:	SI Analyst
TEAM:	Sport Intelligence
REPORTS TO:	Senior Analyst
DIRECTOR:	Director of Performance

JOB PURPOSE

To support the Senior Analyst on the development and maintenance of algorithms for analysis, results interpretation and reporting, to ensure the Performance Directorate can reliably monitor World Class Programmes (WCP) and their competitors and enable UK Sport and Sports to make better informed decisions.

KEY RESPONSIBILITIES

- Work on the design and delivery of statistical research projects including the parameterisation of problems, methods of analysis, description and interpretation of results.

- Ensure that analysis is available for all WCPs and is understood and available to both internal and external stakeholders through standardized dashboards, presentation slides and oral communication.

- Work on developing a set of common analytical tracking tools that are applicable to WCP, allowing comparability by showing if the WCPs are on track for their stated goals over their next 2 Olympic cycles.

- Report project outcomes in a meaningful and useful manner to relevant stakeholders. This will include identifying significant trends and factors with predictive validity and relationships between them, related to athlete development and progression.

- Work with the other Sport Intelligence team members on the design and management of methods for reliable data collection, manipulation and presentation from a range of fields such as competition results, athlete demographics, athlete training data, injury surveillance, and management accounts.

- Work on projects to develop the analytical capability of WCP by consulting, solving and implement solutions using best practice analytical and management techniques.

- Proactively contribute to the development of SI strategy to objectively monitor WCPs and, international high performance environments, and ensure UK Sport effectively makes and tracks performance investment decisions underpinned by effective performance policy.

- Support the analytical team's strategy by developing and maintaining documentation such as project trackers, assumptions logs and quality assurance for own work.

- Proactively work to integrate the SI's work with the Performance Directorate's other functions so the advice, support and interventions provided are aligned to the objective analysis and interpretation of the system and individual WCP's trajectories toward medal targets.

- Guide and advise GB High Performance staff in the use of data and analysis.

- Undertake appropriate professional development to keep abreast of world's best practice.

KEY INTERNAL AND EXTERNAL CONTACTS

- Head of Sport Intelligence

- Sport Intelligence team

- Performance Investment Unit

- Performance Directorate Senior Management Team (SMT) members

- Staff in the Performance team.

- Technology partners

This job specification is not to be regarded as exclusive or exhaustive. It is intended as an outline indication of the areas of activity and will be amended in light of the changing needs of the organisation.

COMPETENCIES

TECHNICAL COMPETENCIES

Qualifications

Essential

- Educated to degree level or equivalent in a related field (e.g. Mechanical Engineering, Statistics, Applied Mathematics, Computer Science)

Desirable

- Post graduate degree in a related field.

Data & Statistical Knowledge

Essential

- In-depth knowledge of statistics, statistical software packages (e.g. SPSS, R, Matlab or SAS) and experience of their application to real world problems.
- Experience of data cleansing, structuring and manipulation of 'messy' datasets, incl. web scraping
- The ability to design novel and innovated approaches to real world problems.
- Advanced knowledge of Microsoft Excel spreadsheets, including VBA.
- The ability to convey analysis to both technical and non-technical stakeholders in both written and presentational form.

Desirable

- Experience in building and/or delivering reports for stakeholders
- Experience in writing a technical spec
- Experience with Data Visualisation Tools (e.g. Tableau, Qlikview, PowerBI)
- Demonstrable experience in working on statistical research projects, including requirements gathering, design, development, analysis and reporting.
- Experience with MS SQL Server

Other Skills

Essential

- Interest and knowledge of sports and sports data.

- Strong planning and organisational skills, ability to prioritise, meet timescales.

- Strong documentation skills

- Strong interpersonal and communication skills.

JOB RELATED COMPETENCIES

Initiating Action

Taking prompt action to accomplish objectives; taking action to achieve goals beyond what is required; being proactive.

Continuous Learning

Actively identifying new areas for learning; regularly creating and taking advantage of learning opportunities; using newly gained knowledge and skill on the job and learning through their application.

Communicating with Impact

Expressing thoughts, feelings, and ideas in a clear, succinct, and compelling manner in both individual and group situations; adjusting language to capture the attention of the audience.

Positive Disposition

Demonstrating a positive attitude in the face of difficult or challenging situations; providing an uplifting (albeit realistic) outlook on what the future holds and the opportunity it might present.