



# QUEEN'S PARK

## FOOTBALL CLUB

**JOB DESCRIPTION:** Data Analyst  
**DEPARTMENT:** Data Science  
**REPORTS TO:** Head of Data & Analysis  
**LOCATION:** Lochinch Training Facility  
**HOURS:** 37.5 Full Time (This role will require flexibility)  
**SALARY:** £25,000 per annum  
**VISA/PASSPORT:** Must be fully eligible to work in the UK  
**CLOSING DATE:** 10<sup>th</sup> August 2024

An exciting opportunity has become available within Queen's Park Football Club. We are currently looking for a Data Analyst. The successful candidate will work closely with the Head of Data & Analysis to support the use of data within the club.

Queen's Park Objectives: Queen's Park FC's ambitions lay in being one of the best football teams in Scotland. However, we do not believe in buying talent but producing it.

Purpose: We are seeking an exceptional individual to expand our Data Science department. You will be responsible for helping to implement new models, create dashboards and manage related data infrastructure for use in player monitoring, recruitment, match analysis and novel football research.

### General Responsibilities

- Processing, cleaning and analysing football event data
- Develop, test and implement data models
- Create and maintain dashboards
- Monitor and refactor codebase to ensure clean and robust code following industry best practice
- Maintain databases of player/team data and statistics
- Communicate ideas to audiences to varying degrees of technical depth
- Keep abreast of current data analysis and data science techniques

### Key Relationships:

- Head of Data & Analysis
- Academy Director
- Academy Head Coaches
- Youth Development Phase Academy Sport Scientists
- Professional Phase Lead Academy Sport Scientist
- Director of Football

## Technical Skills:

### Essential

- Strong scripting skills using Python and data related packages, e.g., pandas, numpy, scipy, scikit-learn
- Proficiency in data wrangling/munging and exploratory data analysis
- Experience using Python Dash or equivalent data visualisation tool, e.g., R Shiny, Tableau, PowerBI
- Experience using SQL or equivalent database management systems and related technologies
- Experience with prescriptive/predictive modelling using machine learning methods
- Experience using Excel for advanced applications

### Desirable

- Knowledge of optimisation of machine learning problems, e.g., handling imbalanced data, feature selection, regularisation
- Knowledge of best practice data flows and data processes
- Working knowledge of cloud computing architecture and data platforms such as Azure and AWS
- Competency with Git and version control principles
- Familiarity with full stack development
- Experience following test (or behaviour) driven development

## Attributes:

### Essential

- Excellent attitude regarding self-development, initiative, willingness to learn and ability to cope and adapt in a high-pressure ever-evolving environment
- Ability to maintain multiple projects and to take ownership to drive completion
- Flexibility to work in multiple data-related disciplines
- Ability to effectively engage with other staff and contribute to a professional and hardworking culture
- Excellent communication skills
- Excellent problem solving skills
- Ability to work evenings, weekends, and/or bank holidays when required by the role

## Experience:

### Essential

- 1+ years of experience in a data role
- Knowledge of the use of data within football

### Desirable

- Experience working within an elite football environment
- Experience performing code review (e.g. GitHub Pull Requests)
- Hands on experience using football datasets

## Qualification:

### Essential

- Proof of working on a related data/football project and/or proof of proficiency of technical skills

### Desirable

- Undergraduate degree (or above) in a quantitative field, e.g., mathematics, statistics, physics, computer science, etc.

## Equal Opportunities:

We are dedicated to fostering a diverse and dynamic working environment by building a team that represents a variety of backgrounds, perspectives, and skills. We are an equal opportunities employer and welcome applications from all sections of the community.

## Application process:

Please send a CV and cover letter detailing why you would be suitable for the role via email to:

[ruth.mcgeoch@queensparkfc.co.uk](mailto:ruth.mcgeoch@queensparkfc.co.uk)

Please use the subject: QP\_DA\_APPLICATION