



## **DATA ANALYST**

### **BADMINTON ASSOCIATION OF MALAYSIA (BAM)**

**Grade:** Level Two - Practitioner

**Job Type:** Permanent

**Normal Location:** PETRONAS Akademi Badminton  
Malaysia, Kuala Lumpur

**Salary Scale:** ranging from RM2,500.00 – RM3,500.00 per  
month

**Application Deadline:** Saturday 26 November 2022 @  
17:00hrs

---

### **JOB DETAILS**

Grade: Level Two - Practitioner

Department: Performance

Reports to: BAM High Performance Director

Hours of Work: Hours required to complete your duties. This may involve working outside of normal working hours and on weekends and public holidays.

Location: The normal place of work is PETRONAS Akademi Badminton Malaysia, Bukit Kiara, Kuala Lumpur. Though BAM may require you to work offsite both nationally and internationally.

### **ROLE SUMMARY**

This new role will be critical to the development of the new direction of BAM's strategy to support High Performance. You will work alongside external collaborators to create and manage highly efficient data-driven systems and processes. This role will require you to be confident in Microsoft Excel/Power BI to collect, store, visualise and maintain quality of data. Ensuring quality and the communication of this data is most important, so you must be proficient in these areas, but also to be confident to explain and discuss with a range of stakeholders (coach, athlete, support staff, management).

### **MAIN TASKS AND ACTIVITIES**

- Efficiently retrieve, manipulate, report and visualise performance data using Microsoft Excel, Power BI and BAM's athlete management system (AMS).
- Work with data throughout its life cycle; specifically collecting, cleansing, storing, integrating and reporting
- Create and modify reports, visualizations, and dashboards that convey insights to different audiences (some of them non-technical) in a meaningful and personalized manner
- Work proactively in an interdisciplinary style to enhance the impact of your role
- Create and present dashboards on the outcomes of the training programmes/interventions that have been delivered
- Attend and contribute to meetings relating to the planning and review of player performance training

- Develop knowledge in data science and the provision of data services in Badminton through time spent researching/reading to ensure servicing remains at the cutting edge
- Work with the support team to inform and provide education in the effective use of data using a range of communication methods e.g. one-to-one conversations, workshops, presentations
- Constantly reflect on your own performance/impact and work with line managers on your PDP (Personal Development Plan)
- Work within the boundaries of confidentiality, and ensure your interactions are promoting player health and wellbeing. Including following the current BAM general staff guidelines

The role will deliver and assist in the development of data science services to BAM coaches, players, staff and stakeholders, working as part of a multi-disciplinary team contributing towards continual improvements in on-court performance.

## PERSON SPECIFICATION

This specification is not exhaustive and reflects the requirements of the role, the requirements may change as the needs of the sport and organisation develop:

COMPETENCY AREA	ASSESSED BY
-----------------	-------------

### Qualifications

Degree (or equivalent) in IT/data science or related area	Certificate
Post Graduate degree (or working towards) in data science or related area	Certificate

### Experience

Proven competence in analytical tools such as Microsoft Excel, Python and Power BI to retrieve, manipulate, report and visualise data	Application Interview
Verifiable record of building and sustaining relationships that support improvements in performance	References Interview

### Knowledge and Skills

Aptitude in mathematics and statistical analysis	Application Interview
Experience working with an athlete management system (AMS) and the data inputs that feed into it	Interview
Talent for creating reports and presenting complex information in simple, visual ways	Application Interview
Knowledge of a range of physical testing methods and an understanding of normative values relevant to Badminton	Interview
A good level of knowledge of what underpins improvements in human performance	Application Interview
Ability to communicate data to a range of stakeholders e.g., coaches, players, management	Interview

For this level of role, we would expect the individual to have a minimum of 1 year experience in providing data services to athletes and teams. Lacking this will not

exclude an applicant from being successful, but other areas must be demonstrated to be stronger for further consideration. It is important to BAM that all applicants are interested in Badminton and have a good knowledge of the key determinants of human performance.

There will be a data-based exercise and assessment process involved in the selection of this role. Further details will be provided to shortlisted candidates.

## **TO APPLY:**

1. Please send in:
  - a. CV including two professional references
  - b. Cover letter
  
2. Pre-interview task:

Record a video (less than 2mins/2GB) to answer the question:

**What are the benefits of using an intelligent system (such as PowerBi) to create and share dashboards in Badminton?**

To help answer use examples of your own practice and experience.

Please submit video at the same time as CV/covering letter via <https://wettransfer.com/> with Title: BAM Data Analyst Application (insert name). Please submit both parts to [admin@bam.org.my](mailto:admin@bam.org.my) before the deadline.