**Role Information**

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| **M&T Resources Contact:** | Joy Lalgudi  Samata Shakya |
| **Phone Number:** | (02) 6279 7170 |
| **Email Address:** | [samata.shakya@mtr.com.au](mailto:samata.shakya@mtr.com.au) |
| **Name of Role:** | RFQTS 5576 – Data Scientist for CapabilityOne |
| **Contract Length:** | To 30 June 2021 + possible extensions |

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| **Organisation:** | **DXC – Defence VCDF** |
| **Role Description** | **Scope of Task:**  The Data Scientist will provide specialist services to undertake analysis of data requirements and data within the CapabilityOne system to improve business solutions and transformation activities for managing the Defence capability lifecycle and investment portfolio.  CapabilityOne is the Joint Force Authority-mandated system to capture information relating to programs, projects and products within the capability life cycle.  The services provided by the Data Scientist will also assist in the development of business intelligence and decision tools. This presents an opportunity to analyse information to support decision making, monitor the health of the portfolio and programs within Defence, and enable project and product staff to better understand what is important to them on any given day.  Initial work has commenced to visualise and conduct basic analysis of connections between and across joint force systems. Data collection has commenced, and this will form the initial focus for the Data Scientist to demonstrate the utility of data science to support reporting and decision making.  The Data Scientist will report to Capability One Project Manager who leads and manages the development of the Capability One system including the integration of information sources/data management on behalf of the Director Portfolio Performance Measurement.  **Skills required:**   * Significant experience delivering data science services for an enterprise-level system * Demonstrated high level Analytical skills. * Understanding of the Defence Capability Life Cycle * Excellent stakeholder engagement skills to be able to derive user requirements for reporting and performance measurement * Good understanding of Business intelligence tools such as Cognos 11. * Ability to work in a team environment and contribute to wider organisational goals * Excellent ability to work with UI/UX team members to provide high quality visualisations of data analysis outcomes * Be self-motivated and able to apply initiative to produce best results for Defence * Knowledge of CapabilityOne and the Enterprise Information Management Program, and their role within the Defence is preferable   **Deliverables:**   * Initial diagnostic report on suitability of existing data infrastructure to create analytic reports with recommendations as to how data science can support Joint Force dependency analysis. * The Data scientist will provide specialist services to understand data requirement gathering for * Defence Capability Life Cycle decisions and artefacts and Investment Portfolio Management. * The Data Scientist will analyse the data within the CapabilityOne system, conduct a gap analysis and contribute to the forward work program planning for CapabilityOne. * The Data Scientist will develop models, techniques and data relationships and through these will recommend how CapabilityOne data connections may be improved. * Success will be achieved when CapabilityOne is aligned with the information requirements of the CLC and other related policy instruments. * Support development of various dashboards for senior level staff, program/project/product managers with a focus on insight into joint force dependencies senior level. * Diagnostic report with recommendations of additional data that could be collected to support more detailed insights into joint force dependencies at the joint force, program, project and product levels. |
| **Security Requirements** | Must have current Negative Vetting (NV1) clearance |

**Your response:**

As a data scientist, my role starts with being proactively engaging with stakeholders to ensure that concepts being approved are appropriate for purpose and add value to the business and have the required level of technical feasibility. I’m involved in the Design and implementation of new analysis or model development techniques with benefits to the firm through greater predictive power, standardisation, speed, simplicity or automation.

Reframe stakeholders’ domain questions as machine learning task for the analysis. Thereafter, humanise the data by turning row numbers into a story about performance and KPI metrics. Transforming the analysis into understanding of business team and stakeholder’s quarries. Providing the business team and stakeholders with the very best thinking and leadership in creating meaningful, measurable decision making.

-        Cognos 11 has given data scientist the power to do machine learning models within the Cognos analytics environment

-        Created business data models in accordance with functional and system requirements for the workflow analysis using Framework Manager.

-        Communicated with business users, business analysts to analyse, design, develop the Cognos Reports, Dashboards, DMRs and Cubes.

-        Worked with the team to design, develop the ETL process using Cognos Data Manager and enhance the ETL job streams using Cognos DecisionStream.

-        Extensively worked on dynamic drill through reports (Analysis studio to Report Studio reports, Query studio to Analysis studio reports), and handled MUN issues.

**Personal Details:**

**Referees-** please provide full name, role title and workplace, email and/or contact number

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| **1.** |
| **2.** |

**Please confirm the following details regarding your application for this role:**

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| **Full Legal Name as shown on Passport:** | Samuel Shamiri |
| **Have you previously worked for DXC or Department of Defence?** | Please tick ( tick ) one:  Yes No tick |
| **Current Mailing AND postal address:** | 4 Victa Place Dunlope, ACT, 2615 |
| **Desired Rate (inclusive super and ex GST):** | $140 |
| **Management Company (Payroll tax exempt company).** | P2 Solutions |
| **Candidate Availability:** | 2 weeks |
| **Clearances:** | **Baseline Issued By:** |
| **I give my permission to be represented for the above mentioned role:** | Please tick ( tick ) one:  Yes tick No |
| **Date & Place of Birth:** | 0 1/08/1974 TAIZ Yemen |
| **Citizenship:** | Australian |

**Thank you!**