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| **JLR FAMILY / SPECIALISM / JOB NAME** | SENIOR DATA SPECIALIST |
| **GRADE** | D |

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| |  |  |  | | --- | --- | --- | | **JLR POSITION NAME** | SENIOR DATA SPECIALIST | | | **JLR FUNCTION / DEPARTMENT** | DAIO, ID & T | | | **REPORTING TO** | Principal Data Engineer | | | **LOCATION** | Gaydon, UK | | | **MANAGEMENT RESPONSIBILITY** | 0 | 0 | | **FINANCIAL RESPONSIBILITY** | No | | |
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| **ROLE PROFILE** |
| [The Opportunity](#3dy6vkm)  This role will support the design, management, checking, and engineering of a diverse range of data using a variety of tools to achieve consistent data sharing across the organisation.  This role will undertake data engineering for some our highest value & complex digital projects, ensuring data is trusted, accurate and timely.  The Senior Data Specialist will own the structural elements of data, including data storage, data pipelines, dashboards and interfacing with digital platforms, manage all data aspects related to data layers of these digital product, participate in data requirements modelling and testing for new and existing use cases and define the flow of data from input through to storage, including interfaces with analytics tools or end user software. |
| [Key Performance Indicators](#1t3h5sf)   * Products delivered on time and to cost and user accepted to standards * Story point velocity (measure of efficiency) * Reliability of data pipelines, number of bugs/issues reported on products * Adherence to JLR Data Engineering best practice * Adherence to SLAs while supporting customer requests for complete Data Engineering products |
| [**Key Accountabilities**](#30j0zll) **and** **[Responsibilities](#1fob9te)**   * Support, optimise and maintain data pipelines of our complex, high-value digital products and well as support of other digital products/projects * Assemble complex datasets for a range of applications and teams across the business * Identify, design and implement process improvements in data pipelines as well as automating manual processes, increase scalability, reduce run time and optimise cost * Build infrastructure required to support the running of data pipelines that are cost effective, robust and scalable * Build analytic tools and solutions to support the business in data driven decision making and actionable insights * Translate business problems into data analytics requirements and solutions that deliver value through analysing and processing data, building and maintaining models and report templates, and developing dynamic, data-driven solutions * Resolving raw data questions using a storytelling approach to provide business clients with detailed, actionable solutions * Provide advisory service to business domain analysts and citizen data engineers to assist with technical work in agreed territories |
| [**Key Interactions**](#4d34og8)   * Data Engineering team * Data Analytics team * Data Science team * IT Data Domain team * Data Office |
| [**Knowledge, Skills and Experience**](#2s8eyo1)  Essential –   * Proven ability to lead small data engineering teams technically * Able to work on multiple complex data engineering products simultaneously to ensure business continuity * Previous experience working in a team in one of the following functions: data engineering and analytics, software or application development, database development * Experience of designing data models / data architecture * Should be familiar with Data Science and Analytics concepts. Hands on experience is preferrable * Experience in managing CI-CD pipelines and infrastructure as a code as well as DevOps Methodologies * Experience in creating tests; unit testing, data quality tests, assumption testing * Excellent problem solving and troubleshooting skills * Previous experience and knowledge of modern programming languages & scripts; * Python or equivalent (i.e. Java) development experience * SQL development and experience in relational or no-SQL databases * Ability to communicate complex data or technical concepts to non-technical internal clients   Desirable –   * Previous experience in Google Cloud Platform, Airflow, GIT, Kubernetes, Terraform, GitLab * Previously working in Agile project management environment using Scrum * Process oriented with great documentation skills * Data exploration, visualisation in Tableau, Looker, Power BI or similar * Experience in Data Science, Data Analytics |

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| **Personal Profile**  Essential –   * An individual with a customer first mindset who is easy to do business with and makes people feel special, driven to deliver experiences that are personalised, transparent and dependable. * An individual who is results driven with the ability to deliver operational plans in a highly demanding environment * An individual with the ability to prioritise their workload * A good communicator with the ability to communicate complex ideas * An effective team player who supports team members * A willing leader who can provide clarity to other team members * Willingness to occasionally work unsociable hours   Desirable –   * Resilient and enthusiastic, an individual able to deliver results under pressure |