Data Engineer

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| Job title: | Data Engineer |
| Department: | IT |
| Location: | Remote |
| Reporting to: (job title only) | Lead Data Development Engineer |
| Direct reports: (job title only) |  |
| Accountable to: (where applicable) |  |
| Responsible to:(where applicable) |  |
| Job purpose: | Work across business units on a multi-disciplined team to review, develop and improve data solutions by the business and contribute towards VHG data and analytics strategy and improvement plan.  |
| Role and Responsibilities: | * Designing and enabling data ingestion, pipelines, quality, and integration services within cloud-based deployments (Azure).
* Support enabling the production of Power BI semantic models and dashboards to provide insight into crucial performance and key indicators on VHGs health care and key operational information across the business.
* Maintain and enable the Azure data lake, environments, and availability of clean, up to date data.
* Investigating challenges to data accuracy and providing solutions to enable data quality improvements
* Delivering data and unified models for use in analytical stores

**Equality Diversity & Inclusion (EDI)**We are proud to be an equal opportunities employer and are fully committed to EDI best practice in all we do.  Vita Health Group has several initiatives in place to achieve this including our Zero Tolerance Policy, Code of Conduct, Freedom to Speak Up Guardians, and more. We believe it is the responsibility of everyone to ensure their actions support this goal with all internal and external stakeholders.  * Be aware of the impact of your behaviour on others.
* Ensure that others are treated with fairness, dignity, and respect.
* Maintain and develop your knowledge about what EDI is and why it is important.
* Be prepared to challenge bias, discrimination, and prejudice when possible, and raise with your manager, the EDI & Sustainability team, or the Freedom to Speak Up Guardians.
* Encourage and support others to feel confident in speaking up if they have been subjected to or witnessed bias, discrimination, or prejudice.
* Be prepared to speak up for others if you witness bias, discrimination, or prejudice.
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| Clinical Governance:(where applicable) |  |
| Training and supervision: |  |
| Additional information: |  |

## Person specification

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|  | **Essential** | **Desirable** |
| **Qualifications** |  | * Azure Data Engineer Associate
* Microsoft Fabric Analytics Engineer Associate
* Microsoft Fabric Data Engineer Associate
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| **Experience** | * End to End Pipeline implementation
* Data Wrangling & Transformation
* Reusable Data Modelling best practices & Optimisation
* Proficient in building Pipelines Using Azure Data Factory or similar tool
* Excellent TSQL skills
* Understanding of the full Microsoft BI stack (Fabric, Azure SQL DB, Data Factory, Power BI)
 | * Security concepts and principles of secure data
* Knowledge of Azure Databricks and Data Cleaning / Transformation scripting
* Data Security Implementation
* Experience of deploying CI/CD through Azure DevOps
* Use of Visual Studio for code Project Management
* Experience of building and/or Engineering for Analytics workloads
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| **Skills/knowledge** | * Proficient in Azure Data Factory / Synapse
* Proficient in TSQL and PySpark – the ability to write code is essential
* Proficient knowledge of database structures
 | * Experience of Microsoft Fabric
* Delta Lake Knowledge
* Streaming Data concepts
* Requirements gathering
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| **Specialist training** |  |  |
| **Personal competencies and qualities** | * Demonstrable, excellent, and relevant experience problem and solution solving
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# Version Control

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| Owner: | Human Resources | Review: | Annually | Classification: | 1 (Proprietary) |
| Author: | Human Resources | Version: | V1.1 | Status: | PUBLISHED |
| Date Published: | 03/12/2019 | Code: | TBC |  |  |

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| --- | --- | --- |
| Version: | Date: | Summary of Changes |
| V1.1 | 03.12.19 | Document copied onto authorised VHG branded Policy Template (original had no coding) |
| V1.2 | 06/08/20 | Updated to include diversity and inclusion statement |
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