Lead Data Warehouse and Power BI Engineer

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| Job title: | Lead Data Warehouse and Power BI Engineer |
| Department: | IT |
| Location: | Remote |
| Reporting to: (job title only) | Head of IT |
| Direct reports: (job title only) | Team Lead and Data Engineers |
| 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 and BI tools utilised by the business and contribute towards VHG data and analytics strategy and improvement plan.
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| Role and Responsibilities: | * Lead in designing and enabling data ingestion, pipelines, quality, and integration services within cloud-based deployments (Azure).
* Support enabling the production of power-BI dashboards to provide insight into crucial performance and key indicators on VHGs health care and key business information across the business.
* Maintain and enable the Azure data lake, environments, and availability of clean, up to date data.
* Play a key, central role in collaborating and delivering data and semantic models for data warehouses, data marts and other analytical store.
* Provide thought, problem, and solution leadership across the business at leadership level and when mentoring the BI team leading on the production of BI and MI dashboards.

**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. We believe it is the responsibility of everyone to ensure their actions support this 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 if possible to do so and raise with your manager and EDI team
* 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
* Azure Data Factory
* Azure SQL Pools / Synapse
* TSQL, SQL Languages including Stored procedures and functions
* SQL Server
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| **Experience** | * Experience of Power BI Data Modelling and Power Bi Languages (DAX)
* End to End Pipeline implementation
* Data Wrangling & Transformation
* Reusable Data Modelling & Optimisation
* Data Security Implementation
* Proficient (circa 2 years) of building Pipelines Using Azure Data Factory
* Experience of deploying CI/CD through Azure Devops
* Use of Visual Studio for “code” Project Management
* Excellent TSQL skills
* Knowledge of Data Modelling best practices
 | * Security concepts and principles of secure data
* Knowledge of Azure Databricks and Data Cleaning / Transformation scripting
* Another language such as Python/Scala/R
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| **Skills/knowledge** | * Proficient in Azure Data Factory / Synapse
* Proficient in TSQL – the ability to “code” is essential
* Proficient knowledge of database structures
* Developing and Building end to end POC’s
* Good presentations on data roadmaps, dashboards, and opportunities.
* Requirements gathering
 | * Azure Databricks
* Delta Lake Knowledge
* Streaming Data concepts
* Python/PySpark or Scala and the desire to improve these skills
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| **Specialist training** |  | * Azure Data Architect
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| **Personal competencies and qualities** | * Build strong relationships in and outside of the team
* 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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