

Job title	Enterprise Architect (Data)	Job family and level	Administrative, Professional and Managerial Level 6
School/ Department	Digital and Technology Services	Location	Jubilee Campus

Purpose of role

This role is being created to support the university in deriving maximum value from its significant data assets through the creation of a coherent enterprise data architecture.

This role will collaborate with data and analytics leaders and technology specialists throughout the university to develop data management, integration, reporting, analytics and informatics strategies, roadmaps and solutions in support of the university's overall strategic aims.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	Strategic Advice and Guidance - Work in partnership with stakeholders to define the vision, strategy and future state architecture for a data-driven university - Develop roadmaps for data technology infrastructure, integration (APIs), enterprise database management, reporting, visualisation and digital intelligence tools, partnering with university stakeholders to create business cases for investment - Collaborate with strategic technology partners to identify new and improved ways of delivering data services to end user communities - Keep up to date and recommend technologies that can enhance data and analytics capabilities at the university	40%
2	Domain Target Architecture and Models - Create and maintain a common data model describing the university's major data assets to inform and influence decision making, information risk management, and data governance initiatives. - Create and maintain a variety of business information models including university Common Data Model and enterprise API catalogue, business capability models and data lineage models	20%
4	Project Oversight - Define roadmap for enterprise integration service, including prioritisation of APIs to align with university investment needs. - Establish, and ensure adherence to, integration principles and standards	20%
5	Investment oversight and governance - Evaluate proposals for new investment in line with strategy and roadmaps, supporting scoping and prioritisation activities and decisions - Review and approve project and solution architectures to ensure they align with strategic intent and agreed data architecture principles	20%

Person specification

	Essential	Desirable
Skills	- Enterprise level data modelling (conceptual, logical, physical), information classification, and data analysis techniques - Enterprise Architecture frameworks, modelling tools, and techniques - Modern data architecture technology concepts e.g. Data Warehouse, Lakehouse, Data Mesh, Data Fabric, Data Streaming, API Integration - Excellent stakeholder management skills, able to communicate and influence a broad range of stakeholders at all levels within an organization	- Practical usage working with Microsoft data technologies, Data Factory, Fabric, Power BI SQL Server, Data Lake - Experience with integration technologies e.g. Alteryx - Working with data visualization tools (Tableau) - Experience working with AI data automation tooling
Knowledge and experience	- Significant experience in a data architect or similar, relevant role - Working with business stakeholders to define enterprise data architectures and solutions to meet strategic objectives - Working in cross-functional teams within a complex IT and business environment - Knowledge of master data management, business intelligence, metadata management, data warehouse design, and data science concepts. - Knowledge of Information Security policy, controls and compliance - Documentation of data architecture designs, principles and decisions - Familiarity with system integration patterns, interface design and related technologies - Exposure to hybrid and cloud data platforms (e.g. Azure) and understanding of data access and analytics approaches - Practical approach to information security as a competency	- Experience of working in a higher education environment and culture - Familiarity with higher education specific data and capability models (UCISA etc) - Software tools, product selection, and adoption. - Familiarity of working in various project delivery methodologies.
Qualifications, certification and training (relevant to role)	Educated to degree level <i>and/or</i> equivalent relevant experience	- TOGAF 9 - BCS or similar with significant data modelling content - Certified Data Management Professional (CDMP) - ITIL - SCRUM - Prince 2



Athena Swan
Gold Award



Race Equality Charter
Bronze Award



Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people	Inherent curiosity and desire to understand people, recognising that communication is a critical part of the role.
Taking ownership	Translates the vision into a strategy for own area, enabling people to take the right action for the wider organisation. Can resolve complex problems, balancing the needs of varied stakeholders.
Forward thinking	Always has the overall strategic goal in mind, manages to stimulate agile and forward thinking in others, motivating them and giving them the confidence to drive for continuous improvement.
Professional pride	Goal is to be best in class; ensuring this can be achieved in line with long term strategy regardless of short-term challenges. Supports people to do what is best for both the organisation and the department.
Always inclusive	Understands critical importance of creating partnerships and communicating beyond own area of expertise both internally and externally.

Key relationships with others

