

**Job Title:**

**Data Solutions Architect**

**Department:**

**Transformation – Data**

**Reporting To:**

**Data Strategy Lead**

Please note: this job description outlines key responsibilities and duties but is not exhaustive. Additional tasks may be assigned as needed to support Magenta Living's goals and objectives.

## How your role will contribute to **Magenta Living's Purpose, Vision & Values:**

### **Our Purpose:**

Empowering people is our purpose.

### **Our Vision:**

We believe in opening doors to homes full of love, communities full of life and a world full of possibilities.

### **Our Values:**

*'Do the Right Thing.'*

This is the thread that weaves our actions, decision-making, and connections.

As Data Solutions Architect, you will design, develop, and implement data solutions that enable Magenta Living to make informed, data-driven decisions. You will define and implement technical architecture to support strategic data priorities, ensuring data is accessible, secure, and high quality.

You will work closely with the Data Strategy Lead, Data Governance Lead, and Transformation teams to create data platform solutions supporting business intelligence, automation, and analytics. You will translate business needs into scalable data designs, supporting efficiency, innovation, and continuous improvement.

You will champion best practice in data architecture, integration, and lifecycle management, ensuring our data ecosystem aligns with our vision of smarter, connected, and empowered communities.

This role designs and governs data solutions within Magenta Living's Microsoft Fabric-based architecture, applying enterprise standards while translating strategic intent into deliverable, high-quality data solutions

### **Key responsibilities**

- Design and deliver data solution architectures aligned with Magenta's enterprise data strategy.
- Enforce architectural standards across data solutions.
- Work with the Business Intelligence Lead to ensure solutions support semantic modelling, performance, and usability.
- Partner with Data Quality Analyst and Governance Lead to embed quality rules, lineage, and metadata.
- Ensure data solutions support consistent KPIs and trusted reporting.

At **Magenta Living**, our **Purpose, Vision & Values** aren't just words that sit on a page.

They serve as a constant reminder of **why we do what we do**.

*Let's all #BeMoreMagenta.*

- Design and implement solutions within the Microsoft Fabric-based data platform, following agreed patterns.
- Apply Fabric components (OneLake, Lakehouse, Warehouse, Data Pipelines) to meet solution requirements.
- Optimise data solutions for analytics, BI, and insight.
- Lead solution design and provide architectural guidance to Data Engineers.
- Review engineering outputs for standards, performance, and quality.
- Develop and maintain data models, integration patterns, and architecture standards for on-premise and cloud systems.
- Provide architectural assurance and design review for major data projects.
- Identify and manage architectural risks, technical debt, and deviations.
- Collaborate with business and transformation teams to ensure solutions meet evolving requirements.
- Define best practices for data ingestion, processing, storage, and consumption.
- Lead solution design for new data initiatives, ensuring governance, privacy, and security.
- Support development of the enterprise data platform, including Fabric Lakehouse and Warehouse patterns.
- Work with Data Governance Lead to embed data quality, lineage, and metadata management.
- Provide technical guidance and mentoring to data engineers and analysts.
- Advise on tooling decisions led by the Data Strategy function.
- Champion modern data architecture principles: modularity, reusability, automation.
- Collaborate with IT and Security teams to ensure compliance with policies and data protection laws.
- Create and maintain documentation for data architectures and solution designs.
- Promote innovation, data literacy, and technical excellence across teams.

At **Magenta Living**, our **Purpose, Vision & Values** aren't just words that sit on a page.

They serve as a constant reminder of **why we do what we do**.

*Let's all **#BeMoreMagenta**.*

## What you will bring to us:

### Essential Skills and Experience

- Experience designing and delivering enterprise data solutions, ideally in complex or regulated environments.
- Strong knowledge of modern data architecture, modelling, integration, and ETL/ELT design.
- Hands-on experience with Microsoft Fabric and Azure data services.
- Excellent understanding of relational and non-relational databases, APIs, and integration methods.
- Strong understanding of data governance, quality, and metadata management.
- Experience developing data strategies, roadmaps, or blueprints with stakeholders.
- Ability to translate business requirements into scalable technical solutions.
- Strong communication skills for technical and non-technical audiences.
- Experience working across multidisciplinary teams and influencing senior stakeholders.
- Strong analytical and problem-solving skills; proactive and innovative mindset.

### Desirable Skills and Experience

- Proficiency in relevant tools and technologies including Azure Data Services, SQL, Python, Power BI, and Purview

### Desirable Education and Qualifications

- Degree in a relevant field (Data Science, Computer Science, Information Systems, or similar).
- Professional certification in data architecture, cloud technologies, or data management (e.g., Microsoft Certified Data Engineer, TOGAF, DAMA).

---

**This role is not subject to a mandatory DBS check.**

---

At **Magenta Living**, our **Purpose, Vision & Values** aren't just words that sit on a page.

They serve as a constant reminder of **why we do what we do**.

*Let's all **#BeMoreMagenta**.*