

# Data Architect – Role Profile

*Meeting Performance KPIs whilst improving outcomes and service delivery for the people we support*



## WHAT I AM ACCOUNTABLE FOR:

- Own and lead the design and build of core data architecture components, including ingestion pipelines, semantic models and platform services.
- Own data solutions/data products from concept through to live operation, including design, build, deployment, monitoring and optimisation.
- Ensure operability, resilience, cost efficiency and long-term maintainability of the data estate.
- Create data maps and data flow maps to support the development of the enterprise reference architecture
- Ensuring scalable design to facilitate onboarding of new data
- Ensuring TOGAF principles are applied to data architecture challenges
- Overseeing the integration, storage and processing of data from various internal and external systems and data sources
- Ensuring data integrity and security by implementing robust data governance standards and procedures
- Ensuring data quality and data accessibility
- Working closely with data analysts, visualisation developers, and IT teams (especially the Architecture & Security functions) to align data architecture with business goals and support data-informed decisions
- Identifying and resolving issues with data infrastructure, ensuring data availability and reliability for users
- Creating and maintaining documentation for data models, configurations and architectural designs to facilitate understanding and compliance
- Translate Turning Point priorities into practical, deliverable architectural decisions

## HOW I OPERATE:

- I Provide technical data leadership through hands-on contribution, setting standards through example rather than mandate
- I work collaboratively with others at all levels to drive performance and to create the best possible outcomes
- I will deliver better outcomes by bringing new ideas and new ways of thinking
- I will embrace change even when its complex and uncomfortable
- I will bring an analytical mindset
- I have a strong commitment to data integrity
- I put the people we support at the heart of everything I do
- I treat others with respect, actively listen and embrace others' points of view;
- I maintain a non-judgemental approach
- I maintain professional boundaries and always present a professional image
- I actively seek opportunities to develop myself and take an interest to keep up to date with new technologies, staying abreast of emerging trends, technologies and best-practices in data, analytics and AI to drive innovation.
- I take ownership and accountability for my actions and decisions

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## WHAT I DO:

### Data Architecture & Data Engineering:

- Work collaboratively with the Data & Analytics, Performance & Insights, and Infrastructure teams, ensuring that the data architecture supports a variety of use-cases from automation of operational reporting, through to predictive and prescriptive analytics, as well as creating a scalable solution for growth.

### Data Migration:

- Oversee the migration of data from legacy systems and platforms to the new solutions, ensuring minimal disruption to operations.

### Engagement:

- Work closely with data analysts and other stakeholders inside and outside of the Data & Analytics team to identify and understand data needs and develop solutions.
- Act as the escalation point for the most complex data engineering and architecture problems, working with the TDA and other architects to provide architectural leadership, shared standards and close partnership working

### Governance:

- Input into the Data Governance framework and Operating model, and work in collaboration with the business including regulatory, compliance, and technology and security functions to ensure alignment with best practice.
- Creating and maintaining documentation for data models, configurations and architectural designs to facilitate understanding and compliance

### Strategy:

- Shape and own the evolution of the data architecture roadmap, ensuring strategy is grounded in delivery experience, platform constraints and operational reality.
- Input into the mid/long-term Data Strategy, working cross-functionally to understand the data drivers that align with Turning Point's objectives and mission.

## WHAT I NEED:

### Essential:

- Significant proven experience of designing effective modern data architecture and implementing solid data management practices (hands-on Data Architect or Principal/Senior Data Engineer with architectural ownership)
- Deep experience with Microsoft cloud data services, Fabric, SQL Server, Databricks, PowerBI and Tableau.
- Strong problem-solving abilities to analyse data needs
- Strong data modelling capability across analytical, semantic, and reporting layers and managing large datasets
- Excellent communication skills to convey technical concepts to non-technical stakeholders and collaborate effectively with team members
- Confident at managing complex stakeholder relationships, including with suppliers and technical partners.
- A passion for continuous improvement and innovation

### Desirable:

- Experience working in environments with sensitive, regulated, or mission-critical data
- Previous experience working on a large data transformation programmes.
- Experience in Enterprise Service Bus (ESB) integration
- Experience working to DAMA-DMBOK

Skills/Knowledge