

# Data Architect – Role Profile

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



## WHAT I AM ACCOUNTABLE FOR:

- Designing, developing and maintaining new data architecture solutions
- Designing, developing and optimising data models, including new semantic and reporting layers
- 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
- Proactive monitoring of database systems to ensure optimal performance and reliability

## HOW I OPERATE:

- 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 it's 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
- I take ownership and accountability for my actions and decisions

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## WHAT I DO:

### Data Architecture & Data Engineering:

- Lead the design, implementation and maintenance of a new modern data architecture, including pipelines, platforms and efficient data integrations that enable effective data management and real-time analytics. Working collaboratively with the Data & Analytics, Performance & Insights, and Infrastructure teams, ensure 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.

### 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.

### Innovation:

- Stay abreast of emerging trends, technologies and best-practices in data, analytics and AI to drive innovation.

### Strategy:

- 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:

- Proven experience of designing effective modern data architecture and implementing solid data management practices
- Proficient in Microsoft cloud data services, Fabric, SQL Server, Databricks, PowerBI and Tableau.
- Strong problem-solving abilities to analyse data needs
- Background in Datawarehousing, data modelling, 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:

- Previous experience working with population health/clinical data
- Previous experience working on a large data transformation programmes.
- Experience in Enterprise Service Bus (ESB) integration
- Experience working to DAMA-DMBOK

Skills \ Knowledge