



Data Engineer

Working for the future of our state

August 2026

HORIZON
POWER

Position Title	Data Engineer (S4266H11)		
Division	Technology	Business	Digital & Data Transformation (DDT)
Leader Title	Data & AI Manager	Location	Bentley
Level	7	Direct reports	No direct reports
Horizon Power’s purpose and link to this position	Delivering clean energy solutions for regional growth and vibrant communities with our shared purpose, values and empowering beliefs driving our culture. This role contributes to the Horizon Power Purpose by enabling trusted, secure and accessible data across the organisation through the design, delivery and support of modern data engineering solutions. The role is responsible for designing, developing, maintaining and continuously improving data pipelines, integrations, platforms and data products that support operational decision-making, reporting, analytics and emerging AI capabilities. Working across both project delivery and operational support activities, the role ensures enterprise data services remain reliable, scalable, secure and fit for business use. The role applies modern data engineering practices, cloud technologies, automation and governance controls to improve the quality, availability and usability of Horizon Power's information and data assets. Working closely with business, IT and OT stakeholders, the role translates business requirements into sustainable and supportable data engineering solutions that enable trusted reporting, analytics and data-driven decision-making while contributing to the ongoing maturity of Horizon Power's Data and AI capability.		
Position requirements			
• Travel to regional WA as required • Reasonable additional hours • Responsibilities outlined below are indicative only and do not limit Horizon Power in assigning additional responsibilities within the employee’s competency, experience, knowledge, and qualifications			
Responsibilities – Our Ways of Being			
Data delivery	• Deliver trusted, reusable and business-ready data assets that support operational processes, regulatory obligations, reporting, analytics and AI initiatives • Develop, maintain and enhance data pipelines, integrations and data products • Engineer curated datasets and data models that support trusted reporting and analytics • Implement validation, reconciliation and monitoring controls to improve confidence in business-critical datasets • Support metadata, lineage and documentation practices that improve transparency, reuse and trust in enterprise information • Proactively identify and resolve data quality issues to ensure enterprise data remains reliable and fit for purpose • Ensure data products are consistent, reusable and aligned with business requirements		
Data platform operations & support	• Maintain the operational health, availability and supportability of Horizon Power's data platforms, pipelines and services. • Monitor production data pipelines, integrations, platform performance and operational health metrics. • Investigate, troubleshoot and resolve incidents affecting data platforms and information products • Perform root cause analysis and implement corrective and preventative actions • Support deployments, releases, environment management and operational changes • Maintain operational documentation, support procedures and technical knowledge articles • Participate in incident, problem and change management activities • Contribute to improving platform reliability, resilience and supportability over time		

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Data engineering & platform development	• Develop scalable, secure and maintainable data engineering solutions that meet business and technical requirements • Design and develop batch, streaming and event-driven integration solutions • Build and optimise ELT/ETL processes and reusable engineering components • Support data warehousing, lakehouse and cloud-native data platform capabilities • Apply data engineering practices that improve performance, maintainability and resilience • Design solutions that balance scalability, security, supportability and cost efficiency • Contribute to DataOps, CI/CD and automation initiatives that improve delivery efficiency • Promote reusable engineering patterns and alignment with enterprise standards
Data quality, governance & security	• Embed appropriate quality, governance and security controls within data solutions • Implement quality monitoring, reconciliation and exception management processes • Apply information security, privacy and access control requirements • Contribute to metadata management, data lineage, classification and business glossary practices • Support implementation of data governance, stewardship and information management standards • Identify, manage and escalate risks relating to information quality, integrity, security and availability • Ensure information assets are appropriately governed, protected and compliant with enterprise requirements
Analytics & AI enablement	• Enable reporting, analytics and AI outcomes through trusted and well-engineered data foundations • Deliver datasets and data products that support business intelligence, analytics and AI use cases • Develop data assets that enable AI, machine learning and advanced analytics capabilities • Partner with BI Analysts, Data Scientists and business stakeholders to deliver data-driven outcomes • Improve the consistency, usability and accessibility of enterprise data assets • Support trusted and explainable data foundations for AI solutions
Stakeholder relationships – Leading purposeful change	• Developing and maintaining strong, effective working relationships with key stakeholders. Internal: DDT team, Operational Technology (OT) teams, Information Technology (IT) teams, Cyber Security, Project Delivery teams, Product Owners, Data Stewards and senior leaders External: Technology vendors, platform providers, implementation partners, managed service providers, consultants, regulatory bodies, auditors and contracted delivery partners. • Partner with business, IT and OT stakeholders to translate business requirements into practical and supportable data engineering outcomes. • Collaborate with stakeholders to understand business priorities and information needs • Translate business requirements into sustainable and scalable engineering solutions • Communicate technical concepts and delivery considerations in a manner appropriate to business audiences • Support vendors, project teams and delivery partners where required • Share knowledge and contribute to team capability and organisational data literacy
Continuous improvement	• Contribute to the ongoing maturity of Horizon Power's data engineering capability. • Identify opportunities to improve reliability, performance, maintainability and cost efficiency. • Develop and promote reusable standards, frameworks, patterns and automation accelerators. • Evaluate emerging technologies and engineering practices that may deliver business value. • Maintain knowledge of contemporary data engineering, cloud, analytics and AI practices. • Support the evolution of Horizon Power's Data and AI platforms and services.
Safety, financial & risk	• Apply technical expertise and professional judgement to ensure technical and Enterprise Safety standards are met in the design, operation and delivery of work • Support enterprise safety governance through technical assurance, compliance and risk management so standards are consistently embedded across assets, systems, maintenance and operational activities • Contribute technical expertise to delivery planning, estimation and prioritisation activities • Identify, manage and escalate risks impacting data quality, platform performance, information security and service continuity • Support the reliable, secure and compliant management of enterprise information assets • Ensure solutions align with approved governance, risk, architecture and security requirements • Support effective use of technology investments through reusable and scalable engineering solutions

Qualifications	
Education	- Tertiary qualifications in Computer Science, Information Systems, Engineering, Data Science, Commerce or a related discipline are mandatory - Relevant certifications in cloud platforms, data engineering, Snowflake, AWS, Azure, DataOps, DevOps or related technologies are desirable
Experience	- Demonstrated experience designing, developing and supporting enterprise-scale data engineering solutions - Demonstrated experience developing data pipelines, integrations and data products using SQL, Python and modern data engineering technologies - Demonstrated experience working with cloud-based data platforms, data warehouses, lakehouses and contemporary data architectures - Demonstrated experience implementing operational monitoring, data quality, governance and security controls - Experience supporting production environments, incident management and operational service delivery - Experience delivering data solutions that support business intelligence, analytics, reporting and AI initiatives - Experience supporting AI, machine learning or advanced analytics initiatives is desirable - Utilities, energy or other asset-intensive industry experience is desirable
Key skills and abilities	Essential - Strong data engineering and integration capability, including the design, development and support of enterprise data pipelines and data products - Advanced SQL and Python development skills - Sound knowledge of data modelling, data warehousing and modern data architectures - Ability to apply DataOps, CI/CD and automation practices to improve delivery quality and operational efficiency - Understanding of data quality, governance, security and information management principles - Strong analytical, problem-solving and troubleshooting skills - Ability to support production services, investigate incidents and implement sustainable solutions - Effective stakeholder engagement, collaboration and communication skills - Ability to manage competing priorities, exercise sound judgement and contribute to continuous improvement initiatives Desired - Knowledge of Snowflake, AWS, Azure or equivalent cloud data technologies - Utilities, energy or other asset-intensive industry experience. - Relevant industry certifications in cloud, data engineering, DataOps or DevOps disciplines.
Competencies	
Thought	Makes Decisions: Making good and timely decisions that keep the organisation moving forward Innovates: Creating new and better ways for the organisation to be successful Customer Focus: Building strong customer relationships and delivering customer-centric solutions Tech Savvy: Anticipating and adopting innovations in business-building digital and technology applications Balances Stakeholders: Anticipating and balancing the needs of multiple stakeholders
Results	Action Oriented: Taking on new opportunities and tough challenges with a sense of urgency, high energy and enthusiasm Ensures Accountability: Holding oneself and others accountable for meeting commitments Plans and Aligns: Planning and prioritising work to meet commitments aligned with organisational goals Optimises work processes: Knowing the most effective and efficient processes for getting things done, with a focus on continuous improvement
People	Collaborates: Building partnerships and working collaboratively with others to meet shared objectives Communicates Effectively: Developing and delivering multi-mode communications that convey a clear understanding of the unique needs of different audiences
Self	Self-Development: Actively seeking new ways to grow and be challenged, using both formal and informal development channels Situational Adaptability: Adapting approach and demeanour in real time to match the shifting demands of different situations Instills trust: Gaining the confidence and trust of others through honesty, integrity and sincerity