

Leonne Jones

Data Engineer | Lakehouse, Pipelines & Dimensional Modelling

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PROFESSIONAL SUMMARY

Hands-on data engineer with 10+ years across the data lifecycle, now focused on building and modernising data platforms. Recent work centres on Lakehouse architecture in Databricks, transformation modelling in dbt, and medallion-pattern pipelines, backed by deep SQL and dimensional (Kimball) modelling experience. Strong record of leading solutions end to end, from design and data classification through change governance to production delivery and translating business needs into reliable, well-modelled data. Seeking a hands-on data engineering role on a modern data stack.

KEY SKILLS

- **Data Engineering & Pipelines:** Design and build scalable, medallion-pattern ELT/ETL pipelines across structured sources, integrating on-premises and cloud systems and operationalising data workflows for production.
- **Lakehouse & Databricks:** Hands-on ingestion and platform delivery in Databricks, including contributing to high- and low-level platform design (RBAC, ABAC, governance, data classification). Databricks Certified Data Engineer Associate (in progress).
- **Transformation Modelling (dbt cloud):** Build modular, maintainable transformation models in dbt to turn raw ingested data into trusted, analytics-ready datasets.
- **SQL & Dimensional Modelling:** Advanced SQL (T-SQL) and Kimball dimensional modelling (star and snowflake schemas) fact and dimension tables, and slowly changing dimensions, with strong stored procedure, SSIS and SQL Server development.
- **Data Governance & Change Management:** Data classification and access design (RBAC/ABAC); represent the data engineering team on the Technical Change Advisory Board (TCAB), and lead changes through formal TCAB/MCAB approval and production deployment.
- **Stakeholder Engagement:** Partner with business analysts, business users, and external consultants to gather requirements, understand ingestion patterns, and translate technical concepts into business-friendly language.
- **BI & Visualisation:** Power BI and Tableau for dashboards and reporting, including semantic-layer optimisation and migrating modelling out of the BI layer into the database for performance and timeliness.

EMPLOYMENT HISTORY

Data Engineering Specialist | Seqwater

January 2025 – current

- Re-architected and rebuilt the Planisware data solution, transitioning it to a medallion architecture; managed the full dev/prod lifecycle and led the change through Seqwater's formal TCAB and MCAB processes, personally presenting and implementing the change within agreed timeframes.
- Delivered a new ServiceNow (SNOW) ticketing reporting stream, redesigning ELT flows on a medallion architecture and mapping historical reports to the new SNOW tables to maintain full reporting continuity with zero downtime.
- Engaged internal and ServiceNow stakeholders to identify required source tables, then ingested, modelled, and cleansed ticketing data through each layer using stored procedures and an API connection to an on-premises database.

- Redeveloped the Service Delivery dashboard for the senior leadership team, removing a complex semantic layer from Power BI and re-modelling it in SQL Server to improve data refresh, timeliness, and report quality.
- Built and maintained on-premises data pipelines and storage, including integration with a Progress database, using SSIS packages and stored procedures.
- Mentored the BAU team across Planisware, ServiceNow, and Service Delivery dashboard activities.
- Represented the Data Engineering team on the Technical Change Advisory Board (TCAB), reviewing and approving proposed changes across Seqwater in weekly meetings.
- Acted as Subject Matter Expert (SME) for Planisware and ServiceNow across both the BAU team and the Databricks modernisation project.
- Resolved ad-hoc data and reporting requests from business users.

Data Engineering Specialist - Data Modernisation Project (internal secondment) | Seqwater

November 2025 – current

- Seconded to IDAP, Seqwater's enterprise data modernisation initiative implementing Databricks, working alongside a broad team of ICT professionals and external consultants.
- Contributed to and reviewed high and low level platform design documentation for Databricks, including RBAC, ABAC, data governance, and data classification.
- Partnered with Business Analysts and business users to gather use-case requirements, understand source ingestion patterns, classify data, and secure approvals prior to ingestion.
- Ingested data into Databricks and built transformation models in dbt cloud.

Senior Data Officer | Queensland College of Teachers

January 2021 – December 2024

- Maintained an on-premises data warehouse and engineered data pipelines between internal SQL databases and cloud-based Power BI / Microsoft Fabric platforms.
- Designed and published SSIS packages to automate data transfer from CRM databases to the data warehouse.
- Developed complex data models using Kimball techniques (star and snowflake schemas, fact and dimension tables, and slowly changing dimensions).
- Conducted data discovery sessions with business areas to translate reporting requirements into intuitive Power BI dashboards and reports.
- Managed the end-to-end reporting lifecycle, from initial data discovery to stakeholder delivery, ensuring projects were completed on time, within budget, and to stakeholder satisfaction.

Senior Data Analytics Officer | Dept. of Employment, Small Business and Training

January 2020 – December 2020

- Led data analysis initiatives to support departmental decision-making during a one-year secondment.

Senior Project and Data Officer | Queensland College of Teachers

March 2014 – December 2019

- Authored the QCT Data Strategy, aligning data initiatives with long-term business goals.
- Led a major IT project to deliver a large-scale organisational data warehouse.
- Developed and implemented QCT Strategic Performance measures and a comprehensive reporting plan.
- Deployed internal dashboard reporting using Tableau Server and Tableau Desktop.

EDUCATION

Bachelor of Data Analytics | University of South Australia (UniSA)

Completed 2024

Awarded Academic Merit (2023).

Member, Golden Key International Honour Society - top 15%, Asia Pacific (2024).

CERTIFICATIONS

- Databricks Certified Data Engineer Associate — Databricks (in progress)
- Knowledge Badge, SQL Analytics on Databricks — Databricks (Jan 2026)
- dbt Fundamentals — dbt Labs (Dec 2025)
- Academy Accreditation, Databricks Fundamentals — Databricks (Aug 2025)
- Academy Accreditation, Generative AI Fundamentals — Databricks (Aug 2025)
- AWS Academy Graduate, AWS Academy Cloud Foundations — Amazon Web Services (May 2022)
- Microsoft 20767C: Implementing a Data Warehouse — Nexttech (Aug 2021)

TECHNICAL TOOLS & LANGUAGES

- **Platforms:** Databricks, dbt Cloud, Azure, Microsoft Fabric.
- **Languages:** SQL (T-SQL), Python, R, DAX.
- **Tools:** SSIS, Stored Procedures, Jupyter Notebooks, RStudio.
- **Visualisation:** Power BI, Tableau.

REFERENCES

Available on request.