

MAHESH SAI KANDULA

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PROFESSIONAL SUMMARY

Data professional with a Master of Data Science and a Computer Science background, based in Sydney with full working rights. Builds ETL pipelines, data quality frameworks and dashboards using SQL, Python, dbt, Power BI and Databricks, with a consistent track record of finding and fixing real data defects independently. Comfortable across data analyst, analytics engineer and data engineer flavoured work, and quick to pick up new tools and domains.

EXPERIENCE

- Data & Reporting Intern, Total IT Global** *Sydney (remote)*

Dec 2025–Jul 2026

 - Standardised 3–5 daily Excel extracts covering 50–70 service tickets into a master reporting dataset.
 - Built a reconciliation control (previous open + new – resolved = current open) that caught and corrected duplicate and mismatched records before figures were reported, matching incoming records by unique Ticket ID.
 - Documented the reporting workflow clearly enough that the next person to own daily reporting picked it up directly after handover.
 - Maintained 3 operational trackers relied on by a team of 7–8 people for coverage planning, reducing scheduling double bookings.
- Analytics Intern, Tech Mahindra** *Hyderabad, India (hybrid, part-time)*

Jun 2023–Mar 2024

 - Consolidated around 30,000 customer records across 6 source tables using SQL joins, CTEs, CASE expressions and aggregations, validating row counts and ID uniqueness before analysis.
 - Aggregated 5 one-to-many transactional sources to a 1-row-per-customer dataset, preventing join fan-out.
 - Engineered 8 behavioural features and supported comparison of Logistic Regression, Decision Tree and Random Forest models; Random Forest was selected for deployment.
 - Delivered insights through a Power BI dashboard used for weekly and monthly stakeholder reporting.

PROJECT EXPERIENCE

- Sydney Transit Intelligence Platform** *Python · SQL · Databricks (Delta Lake) · dbt Core · GitHub Actions · Tableau Public*

 - Built an end-to-end pipeline that polls Transport for NSW's live GTFS-Realtime feed every 15 minutes, landing data in a Bronze, Silver and Gold lakehouse on Databricks and reconciling it against 1.2 million scheduled stop-times.
 - Modelled a star schema in dbt Core: 16 models, 31 data tests and an incremental merge fact table; the tests caught 3 real data issues, including a Transport for NSW feed quirk that broke a uniqueness assumption across 1,348 rows.
 - Set up CI/CD on GitHub Actions: lint and unit tests, dbt builds against an isolated schema, and dbt docs auto-published to GitHub Pages.
- Payments Risk & Merchant Analytics Pipeline (PAYscope)** *PostgreSQL · SQL · Python · Tableau*

 - Transformed 100,000+ historical transaction records through a layered raw-to-clean-to-mart architecture into 7 SQL business marts; the data-quality framework achieved 69.7% trusted transaction coverage by quarantining bad records instead of silently dropping them.
 - Found and fixed a chargeback double-count worth real business risk: 883 valid chargebacks were being reported as 1,766 due to a join fan-out in the extract layer, understating fraud exposure by more than double until traced and corrected.
 - Independently identified a second, harder-to-spot defect: a pandas groupby was silently dropping null-category rows, excluding \$185,000 from a revenue calculation, resolved by reconciling both pipelines against the same source of truth.

TECHNICAL SKILLS

Languages: SQL, Python, R

Data Engineering: Databricks, Delta Lake, dbt Core, Snowflake, PySpark, GitHub Actions

BI & Reporting: Power BI, Tableau, Excel

Analytics: pandas, NumPy, scikit-learn, data quality frameworks

Databases: PostgreSQL

Tools: Git, Jupyter, Jira

EDUCATION

Master of Data Science, Macquarie University, Sydney, WAM: 75.72024–2026

B.Tech, Computer Science & Engineering, GITAM University, India, CGPA: 8.75/102020–2024

CERTIFICATIONS & TRAINING

IBM Data Science Professional Certificate · Google Data Analytics Professional Certificate · AWS Cloud Virtual Internship (AWS Fundamentals), 2023