

Aswesh Thrissur Anand

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SKILLS

Methodologies & Competencies: Agile Project Management, Client Management, Cross-functional Collaboration, A/B Testing, Hypothesis Testing, Analytical Modeling, Team Leadership, Data Visualization, Business Presentation

Technical Skills: Python, R, SQL, ML, ETL Development, Azure cloud, BI Tools (Tableau, PowerBI), Other Tools (Excel, Git, JIRA, Confluence)

Soft Skills: Analytical thinking, stakeholder communication, data storytelling

Professional Certifications: Databricks Fundamentals, PwC Power BI, Azure AZ-900 (Microsoft Azure Fundamentals)

WORK EXPERIENCE

Consultant, Deloitte Australia (Strategy, Risk & Transactions) | 2025 - present

- Strengthened **wage compliance analytics** capabilities for a leading mining client by developing key model components to **calculate underpayment risks**, enabling **data-driven workforce compliance tracking** and **decision-making**
- Improved **accuracy** and **regulatory compliance** of a wage compliance analytics model for a higher education client by conducting **comprehensive QA** and **validating model outputs** against expected benchmarks, **ensuring model robustness** and **reliable insights**

Data Dashboard Intern, Vision Verse Interactive | 2024

- Optimized an **AI-powered recommender system** by aligning **10+ relational tables** and **defining key performance metrics** for a Power BI dashboard, boosting model performance by **80%** and enabling faster, data-driven decision-making

Lead Data Analyst, Mu Sigma Inc (Retail Client) | 2022–2023

- Drove \$60K in annual revenue growth** for a leading retail giant's Western Europe team by **leading** the enhancement of **7 critical Tableau dashboards** and reports, aligning KPIs with Director-level priorities to **improve inventory visibility** and strategic decisions
- Increased** marketing campaign **conversion rates by ~14%** for the client by **developing and deploying a customer segmentation and repurchase prediction model (86% accuracy)**, enabling effective **persona-targeted strategies** at scale
- Reduced supply chain lead time by 40%** and **improved inventory planning** across retail locations for the client using advanced SQL queries to analyze and enhance fulfillment efficiency
- Boosted adoption** of analytics tools by **~25%** across cross-functional teams by **streamlining** daily analytics delivery through the **integration** of dashboards and models into operational workflows with **automated refresh triggers**
- Improved team capabilities** and stakeholder confidence by **designing and conducting Tableau best practices training** for 10+ members

Data Analyst, Mu Sigma Inc (Telecommunication client) | 2021–2022

- Ensured **99.9% SLA compliance** for a leading telecom client by **architecting and deploying Azure-based ETL pipelines** to ingest 100K+ daily records from **5+ sources** and enrich a multidimensional data cube
- Improved reporting accuracy** and **data lineage visibility** across business units for the client by **applying Slowly Changing Dimension Type 2 (SCD Type 2)** techniques for historical tracking within the dimensional model
- Boosted operational visibility** into ETL pipeline health by **operationalizing a zero-latency Power BI dashboard** to monitor key metrics like throughput, latency, and failures in real-time
- Reduced merge conflicts by 70%** and **improved collaborative workflows** for the development subgroup by **leading a 3-week Git workshop** focused on version control best practices

Junior Data Analyst, Mu Sigma Inc (Internal: Innovation & Development) | 2019–2021

- Reduced operational data retrieval time from 2 days to <4 hours** and improved visibility into enterprise tooling gaps by **automating the consolidation** of 100+ disparate audit logs into **PostgreSQL** and simplifying data access, enabling cross-team knowledge sharing and reuse of past solutions
- Secured \$50K in new client revenue** by **co-developing and pitching** a tailored **Azure cloud architecture** as part of a successful RFP response process for SABIC

PERSONAL PROJECTS & PUBLICATION

- Developed iterative Tableau dashboards** visualizing KPIs for road safety, rent affordability, and employability using **City of Melbourne datasets** by leading requirements gathering, performing data cleaning, and ensuring alignment with stakeholder needs throughout the process.
- Fostered informed conversations** on infrastructure and policy improvements by **presenting data-driven insights** and interactive Tableau prototypes derived from City of Melbourne data to city and educational stakeholders, supporting **evidence-based urban planning**.
- Achieved 96% accuracy** in a real-time **distracted driver detection model** by **developing** the model using **VGG-16** and transfer learning techniques; co-authored and **published findings** in a peer-reviewed **Springer journal**.

EDUCATION

Master of Data Science (STEM), The University of Melbourne | 2023–2024

Bachelor of Technology in Computer Science and Engineering(STEM), Amrita Viswa Vidyapeetham | 2015–2019