

ANA LUISA ZEPEDA DE ALBA

GIS CONSULTANT



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SUMMARY

Proactive GIS Consultant delivering spatial data solutions, including interactive GIS applications, dashboards, and map-driven visualisations. Expertise in the Esri Suite, PowerBI, SQL, and Python to integrate spatial and non-spatial data, streamline geospatial workflows, and support business intelligence and reporting. Passionate about map-based decision-making and creating spatial insights that drive real-world outcomes.

WORK EXPERIENCE

GIS Consultant, GPOne

May 2025- Present

- Designed and delivered interactive GIS applications and map-driven dashboards using the Esri Suite and VertiGIS, enabling intuitive spatial analysis
- Built and optimised spatial data workflows and pipelines, integrating multiple sources to ensure clean, consistent, and analytics-ready datasets
- Developed Power BI dashboards and GIS solutions that visualise key spatial and business metrics, supporting stakeholders in informed, real-world decision-making

Freelance Data Engineer

Oct 2024- May 2025

- Developed batch data pipelines to extract, transform, and store clean, analytics-ready datasets
- Integrated and enriched datasets from multiple sources to support actionable insights
- Designed interactive Power BI dashboards to visualise key metrics and trends for stakeholders

Senior Data Engineer/Data Analyst, Nielsen

May 2024 - Oct 2024

- Automated workflows through data pipelines and optimized data handling with Python-based applications and SQL.
- Monitored data pipelines to ensure adherence to timelines, quotas, and quality standards, maintaining high data reliability.
- Streamlined sampling processes and ensured data pipeline reliability, adhering to quality standards.

Data Engineer, Notaria 16

Oct 2023 - May 2024

- Developed automated workflows using Power Automate to process and integrate financial data (PDF, XML, CSV) into a SQL Server data warehouse.
- Designed and implemented ETL pipelines with layered architecture (raw, refined, final), ensuring data quality and consistency for reconciliation.
- Built Power BI dashboards, providing real-time visibility of document completeness and enabling data-driven decision-making for stakeholders.

Data Engineer, Cyclopatha

Aug 2023 - Oct 2024

- Designed data pipelines and ETL processes to analyze new client acquisitions and purchase behaviors, enabling tailored insights for strategic decision-making.
- Built interactive dashboards to visualize client trends, purchase patterns, and revenue trends enhancing stakeholder understanding and driving data-informed strategies.

EDUCATION

Bachelor of Science

Feb 2015- Dec 2017

James Cook University

- Major in Zoology & Ecology (Advanced).

Honours in Zoology

Feb 2018 - Dec 2018

University of Tasmania

KEY SKILLS

- **Data Engineering Tools:** Azure Data Factory, Databricks, SQL Server, Snowflake.
- **Programming:** Python, SQL, Pyspark, Object-Oriented Programming (OOP)
- **ETL/ELT & Data Pipelines:** Building scalable workflows and optimizing data integration.
- **Data Modeling:** Star and snowflake schemas, layered data warehouses.
- **Visualization:** Power BI, Tableau.
- **Cloud Platforms:** GCP and Azure
- **Automation & CI/CD:** Power Automate and GitHub Actions
- **Languages:** English & Spanish
- **Soft Skills:** Strong communication, problem-solving, collaboration.