ANA LUISA ZEPEDA DE ALBA
DATA ENGINEER

analuisazepedadealba@gmail.com| 0491-053-327 | Wollongong, Australia
https://anazepedadealba.com | https://www.youtube.com/@analuisazepeda8638

SUMMARY

Proactive Data Engineer with 2+ years of experience building optimized data pipelines, ETL processes, and scalable architectures. Skilled in SQL, Python, and Power BI to transform raw data into actionable insights, automate workflows, and enable seamless analytics. Adept at ensuring data accuracy and driving informed decision-making.

WORK EXPERIENCE

Freelance Data Engineer   Oct 2024- Present
- Developed a batch data pipeline using Azure Data Factory to orchestrate the extraction of data from various sources, storing raw data in Azure Blob Storage.
- Utilized Databricks with Apache Spark to perform data transformation and cleansing, enriching the data by integrating external sources.
- Implemented data storage solutions with Azure Data Lake for scalable storage of structured and unstructured data, ensuring efficient access for analytics.
- Created interactive dashboards using Power BI and Tableau to visualize metrics and trends, leveraging Azure Synapse Analytics for enhanced data querying, while integrating CI/CD pipelines using GitHub Actions to automate deployment and version control, enabling efficient data-driven decision-making.

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, Cyclopata   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.
- Developed client profiling models by integrating data from multiple sources, providing actionable insights into customer segmentation and preferences.
- Built interactive dashboards to visualize client trends and purchase patterns, 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
- **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.