Luiz Gustavo Erthal

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About me

Data Engineer with 4+ years of hands-on experience designing, building, and scaling robust data pipelines in cloud-native environments. Proven expertise in modern data stacks including Airflow, dbt, and GCP to drive reliable, automated analytics solutions.

Skills

Python, SQL, Airbyte, Airflow, GCP, BigQuery, DBT, Docker, CI/CD

Work History

CI&T - Data Engineer

October 2024 - Present

- Designed and currently maintains over 15 end-to-end data pipelines built from scratch, integrating diverse data sources across multiple domains.
- Developed custom Airbyte connectors using Python SDK to integrate third-party APIs, expanding the platform's ingestion capabilities.
- Built, lead developed and implemented a CI/CD pipeline for deploying Google Cloud Functions using Bitbucket Pipelines and Python, ensuring automated, reliable, and version-controlled releases.
- Built and maintained technical documentation for pipelines, connectors, and deployment processes, facilitating team collaboration and long-term maintainability.
- Lead developer for multiple Airflow DAGs, ensuring robust scheduling, error handling, and scalability of data workflows.

Technologies: Python, SQL, Airbyte, Airflow, GCP (Cloud Functions, BigQuery, Cloud Storage), Bitbucket Pipelines, API Integration, Dataform

Artlogic - Data Migration Specialist

June 2023 – September 2024

- Developed over 30 Python scripts to migrate data between various systems, ensuring data integrity and accuracy during the migration process.
- Utilized SQL for data analysis, identifying data inconsistencies and transforming datasets to meet the specifications of the target system.
- Collaborated with cross-functional teams to gather requirements and ensure smooth data migration across multiple platforms.

Meit - Data Engineer

May 2022 – June 2023

- Designed and delivered a full-stack ETL pipeline integrating third-party APIs with Airbyte (extraction), Airflow (orchestration), and dbt (transformation) to populate a modern analytics platform.
- Modeled and maintained a Data Warehouse and Data Lake on Google Cloud Platform (GCP), ensuring high performance, scalability, and cost-efficiency.
- Created and automated real estate market intelligence reports with Metabase to support business decision-making.
- Applied strong SQL and dbt modeling practices to optimize data transformations and data validation rules, improving data quality and consistency.

Volpi - Data Analyst

August 2021 – May 2022

- Extracted and transformed Open Banking API data into structured datasets, enabling the generation of actionable insights for business and product teams.
- Developed web scraping solutions to collect competitive and market data, integrating it into internal pipelines to enhance analytical capabilities.

Terraz - Data Analyst Intern

Mar/2021 - Aug/2021

- Data Analytics and Data Visualization for tracking metrics, KPIs and real estate trends.

Education

Information Science, Universidade Federal de Santa Catarina (UFSC)