Zacharias S. Cura

Data Analyst | Data Engineering
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Work Experience

Great Deals E-Commerce Corporation April 2026 – Present
Junior Data Analyst

- Built a Snowflake/dbt Bronze–Silver–Gold pipeline for Lazada, Shopee and TikTok platform fees, standardizing and deduplicating source records into an effective-dated Gold dimension with SCD Type 2 history, SHA2-256 surrogate keys, data-quality flags and dbt contracts.
- Engineered recon_engine.py, a Python/pandas workflow comparing Shopee Seller Center exports with API-sourced Snowflake data, replacing token-intensive LLM comparisons; normalized keys, classified timing/data mismatches and scraper gaps, and validated 107,160 rows.
- Corrected a 58% QuickSight KPI overstatement caused by full account targets repeating across employee rows; rebuilt the Snowflake view to aggregate actuals by account, employee and month before joining monthly targets.
- Built a CPAI Sales Conversion Funnel Gold model for QuickSight and Streamlit analytics; converted raw SQL into 13 Bronze/Silver/Gold dbt models with incremental processing and Airflow orchestration.
- Administer Snowflake access under SECURITYADMIN, including user provisioning and deprovisioning and network rules; reviewing unmanaged users, roles, grants and role hierarchy as part of a governance initiative.
- Automated EMS mailbox provisioning with PowerShell and REST APIs for single and batch requests, reducing a 30-account batch from approximately 150 minutes of manual work to about 2 minutes; stored credentials through Passbolt CLI over mTLS with bulk confirmation and execution summaries.

Solaire Resort North July 2024 – April 2026
Surveillance Operator

- Managed 30–80 inbound calls per shift under time pressure, monitoring gaming and cash-handling operations across multiple systems (ACSC, Synectics, iTrak, Tableview, Econnect) and producing structured compliance/incident records.

SKILLS

- Data Engineering & ETL: dbt (medallion architecture, SCD Type 2, dbt contracts), Airflow, Python (pandas), SQL (window functions, CTEs), dimensional modeling, data-quality testing
- Data Warehousing & Governance: Snowflake (SECURITYADMIN, roles and grants, network rules, external stages/tables), PostgreSQL
- BI & Data Applications: AWS QuickSight (calculated fields, SPICE, KPI cards), Streamlit, Power BI, Tableau
- Automation & Tooling: PowerShell, REST APIs, Passbolt CLI, mTLS, Git, GitHub, VS Code, WSL

EDUCATION

Bachelor of Science in Computer Engineering
STI College Ortigas – Cainta, 2021 – 2024

CERTIFICATIONS

- Data Analytics Essentials — Cisco Networking Academy
- The Complete SQL Bootcamp — Udemy (Pierian Training)