Michael Lemiale

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Work Experience

Articulate   January 2023 – Current

Senior Data Engineer

- Merged and migrated two data warehouse environments from BigQuery and Redshift to Snowflake (Python, SQL)
- Built robust CI/CD checks across multiple core data repos to increase confidence in code deployments (Github Actions, Python, Terraform, Titan, dbt, sqlfluff)
- Developed custom data pipelines to incrementally ingest data from source APIs into Redshift and Snowflake (Python, dlthub, Dagster, sling)
- Created custom dbt macros to enable other engineers to quickly spin up their local environments (dbt, Jinja, Python)

The Zebra   May 2018 – January 2023

Senior Analytics Engineer

- Transitioned data warehousing architecture to a modular framework, reducing Snowflake costs by 25% (dbt, Snowflake, Prefect)
- Partnered with Data Engineering to design a SQL unit testing framework, increasing confidence in code coverage and deployment health (Python, pytest, dbt)
- Created a regression testing framework to ensure historical data reporting integrity during deployments (dbt, Jinja)

Analytics Engineer II

- Implemented Prefect as our core automation and orchestration tool (Python)
- Eliminated manual Excel imports into the data warehousing environment with automated pipelines for cost reporting (Python)
- Transitioned third party ETL tool from Alooma to Fivetran

Technical Data Analyst

- Architected new data warehouse and reporting environment, reducing build times by 50% with incremental + ephemeral materialization strategies (dbt, inja, Snowflake)
- Partnered with Data Engineers to define new data streaming event schemas
- Created and maintained python import and export jobs for third party API integrations (Python)
- Trained end users on front end reporting tools (Looker)

BI Developer
- Created and maintained data models in an SAP HANA data warehouse environment
- Enabled end users to create dashboards and reports through standardized reporting datasets available in Tableau and Business Objects
- Coordinated requirements gathering meetings to determine best data modeling architecture and solutions

Data Analyst
- Created standardized reporting hub through single source of truth data models and front end analytics tools
- Partnered with SAP ERP implementation consultants to translate old data models into a new data warehouse environment (SAP HANA)
- Trained end users on new front end reporting tools (Business Objects, Webi, Tableau)

Education

Bachelor of Science - Finance & Information Systems **August 2012 - May 2016**

University of Maryland, College Park

Skills

Programming
- SQL, Python, Javascript, Typescript

Frameworks & Tools
- dbt, Jinja, Fivetran, Stitch, sling, Dagster, Prefect, Airflow, Terraform, Kubernetes, Meltano, Github Actions, Gitlab Pipelines, Titan, Hightouch, Spectacles

Cloud
- AWS, GCP

Analytics & BI Tools
- Looker, Tableau, PowerBI, Mode

Databases
- Snowflake, Redshift, BigQuery, Postgres, MySQL, SQL Server

Languages
- English - Native
- French - Fluent
- Spanish - Proficient