Jacob Yablonski

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GitHub | LinkedIn

Data Analyst with 1.5 yrs experience looking to make a leap into a Data Engineer position. Experienced with Python, dbt, Airflow, and AWS Cloud stack. Looking to join a company working with a modern data stack and make an immediate impact while stepping into a more challenging role to help grow my career.

PROFESSIONAL EXPERIENCE

Mintel   **Chicago, IL**
Data Operations Analyst   June 2021 - Present

- Served as a first point of contact for all reporting, data quality & validation checks, and ad-hoc analyses for our consumer-facing digital marketing data.
- Converted data monitoring from NoSQL JSON data in Elasticsearch to Snowflake SQL models via dbt transformations, which fed into Looker Dashboards to enable a self-service experience for internal users.
- Supported other Company projects involving ELT workflows utilizing Fivetran, dbt, and Snowflake.
- Built a series of Scheduled ECS Tasks to automate Python Scripts and send out daily & weekly reporting.
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PERSONAL PROJECTS

NBA ELT Pipeline - featured on my GitHub Profile

- Built an end-to-end ELT Pipeline to power the data feeding into an R Shiny Web Dashboard, which displays current NBA metrics, trends, and other seasonal stats.
- Containerized the Web Scrape Script with Docker to run the batch job on a daily basis via ECS, which stores the data to an RDS PostgreSQL Database.
- Utilized dbt Cloud to execute the SQL transformations to shape the source data into dashboard ready marts, with over 150 schema tests in place to verify data quality & integrity.
- 100% of AWS Infrastructure is built via Terraform, with CI / CD set up in Terraform Cloud to execute the builds upon successful merged PRs using GitHub Actions.
- Built an Airflow Proof of Concept to illustrate the DAG workflow if the project was to be implemented in an orchestration tool, but isn't used in production because of cost.

EDUCATION

California State University, Fullerton   **Major GPA: 3.73**
B.A. in Business Administration, concentration in Business Analytics   Aug. 2015 - May 2019

SKILLS

- Python, R, SQL (PostgreSQL, Snowflake), Git, Airflow, Docker, Terraform, AWS Cloud (EC2, RDS, S3, ECS, Lambda), dbt, Spark (PySpark & Databricks), CI / CD w/ GitHub Actions & GitLab CI, Linux / Bash Scripting.