

Ashanni Scott

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754-801-0038 | Dallas Texas

Skills

Programming Languages: Python (Pandas, NumPy, Airflow Operators, Requests), SQL

Data Engineering: Apache Airflow, ETL / ELT Pipelines, API Ingestion, Batch Processing

Cloud & Infrastructure: AWS (Glue, S3, MWAA, IAM, Parameter Store, Secrets Manager), Snowflake, dbt Cloud

Data Modeling: Relational Databases, Data Warehousing, Schema Design

Analytics & Visualization: Power BI, Tableau

Professional Experience

Data Engineer

Jun 2025 - Present

Lennar

Dallas TX

- Engineered and deployed 20+ Airflow ETL pipelines using AWS Glue, Snowflake, and S3, enabling reliable multi-stage data processing across environments.
- Built config-driven, environment-aware frameworks with SSM Parameter Store and Secrets Manager, improving consistency, security, and deployment workflows.
- Improved pipeline reliability with batch lineage, strict Glue validation, concurrency-safe execution, and automated observability via Slack and metadata logging.
- Modernized ingestion workflows by creating idempotent S3 extraction pipelines, lightweight API ingestion systems, and clear internal documentation used across engineering and infrastructure teams.

Research Data Analyst (Contract)

Feb 2024 - July 2024

Pedernales Electric Cooperative

Austin TX

- Conducted comprehensive analysis of district lighting infrastructure data to inform strategic updates and enhancements to the new database system.
- Utilized legacy systems and external tools such as Google Maps Street View to validate and ensure data accuracy for account numbers, addresses, and pole identifications.
- Developed and implemented efficient strategies for mapping data from legacy systems to the new database, facilitating a smooth transition and accurate representation of district infrastructure.
- Collaborated with cross-functional teams to optimize data mapping processes and enhance overall data integrity within the organization.

Data Engineer Intern

May 2023 - Aug 2023

Activision Blizzard

Irvine CA

- Developed a Python script to automate the attribution of video game sales titles from multiple vendors, leveraging Google Cloud services for preprocessing and advanced fuzzy matching techniques.
- Enhanced data quality by performing comprehensive preprocessing, including text cleaning, standardization, and language detection for multilingual titles, achieving a 50% automatic attribution rate from 5,000 monthly rows, tested on 50,000 historical rows.
- Integrated the automated attribution process into the existing Airflow pipeline, scheduling it to run monthly with new data inputs, alleviating the BI team's workload and enabling faster, more efficient reporting.

Data Analyst

Mar 2020 - Aug 2022

Tacaya

Montego Bay St. James

- Managed customer feedback data through aggregation, cleaning, and standardization techniques, providing comprehensive insights to support informed decision-making.
- Developed Excel dashboards for visualizing product quantities across life cycle stages, ensuring regulatory compliance and facilitating data-driven decisions.
- Implemented data tracking solutions for product life cycle management, optimizing inventory management processes and improving efficiency for both the business and its clients.

Education

Master of Science in Information Systems | Nova Southeastern University

Aug 2023 – May 2025

Bachelor of Science in Finance | Florida Atlantic University

Aug 2018 – Aug 2020