

# Ashanni Scott

[ashanni.scott@gmail.com](mailto:ashanni.scott@gmail.com) | [LinkedIn](#) | [Portfolio](#)

754-801-0038 | Dallas Texas

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## 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

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## 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