

Brianna Owens

Associate Data Engineer

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PROFESSIONAL SUMMARY

Associate Data Engineer with a bachelor's degree in Data Analytics and hands-on experience building cloud-based ETL pipelines using Python, SQL, and AWS services. Experience with analytics and machine learning workflows, as well as designing data lakes, optimizing queries, and enabling BI reporting.

TECHNICAL SKILLS

- Languages & Libraries: Python (Pandas, NumPy, scikit-learn), SQL, R, MATLAB
- Cloud Platforms: AWS (S3, RDS, Redshift)
- Data Engineering: ETL/ELT pipelines, batch processing, data modeling, data validation
- Machine Learning Pipelines: Supervised and unsupervised model pipelines for training, evaluation, and data preparation (Jupyter)
- Data Ingestion: REST APIs, CSV, and JSON data sources
- Databases: PostgreSQL, MySQL, SQLite, DynamoDB (NoSQL concepts)
- BI & Analytics: Tableau, Power BI
- DevOps & Tools: Git, GitHub/GitLab, CI/CD concepts

PROJECTS

Capstone Project - Data Pipeline for Remote Work & Broadband Analysis
Python, SQL, PostgreSQL, REST APIs, Git | 2025

- Built an end-to-end ETL pipeline integrating multiple U.S. government datasets related to broadband availability and remote work trends.
- Developed modular Python scripts for API ingestion, data cleaning, normalization, and validation.
- Designed relational data models and optimized SQL queries for analytics and reporting.
- Version-controlled all pipeline development using Git with clear commit history and documentation.

EDUCATION

Bachelor of Science in Data Analytics
Western Governors University | December 2025

CERTIFICATIONS

[AWS Certified Cloud Practitioner](#) (2025) | [CompTIA Data+ Certificate](#) (2025) | [CompTIA Project+](#) (2025)

PROFESSIONAL EXPERIENCE

Medical Biller

Cornerstone Medical Group | Clinton Township, MI | 11/2023 to 11/2024

- Ensured accuracy and integrity of structured billing data using ICD-10 guidelines.
- Investigated and resolved complex data discrepancies and claim issues.

Business Office Assistant

Cornerstone Medical Group | Saint Clair Shores, MI | 02/2021 to 02/2022

- Managed high-volume scheduling and data entry across multiple systems.
- Maintained accurate records and coordinated communication between stakeholders.

Patient Access Registrar

Beaumont Health System | Troy, MI | 05/2018 to 08/2020

- Entered, validated, and maintained patient and insurance data within EPIC.
- Supported data accuracy and compliance across registration workflows.