

# Brandon Cantrell

Analytically driven professional specializing in data modeling, transformation pipelines, and scalable BI architecture. Proven record of building modern data ecosystems using SQL, Python, Snowflake, and LookML, delivering governed, performant, and business-aligned analytics. Passionate about bridging data engineering and analytics to create transparent, reliable, and self-service data products.

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📍 Dallas, TX

🌐 <https://brandoncanalytics.github.io/CANalytics>

## WORK EXPERIENCE

### Everbridge, Inc.

Dashboard Engineer

Jan 2025

- Own full analytics and data infrastructure supporting DoD JARVISS system customers.
- Engineered modular LookML models and optimized SQL transformations, reducing query latency and increasing dashboard reliability.
- Partner cross-functionally with professional services and engineering teams to define data contracts, ensuring consistency between product and analytics environments. ☑ Implemented semantic layers and governance logic for high-scale customer-facing reporting.

### Old Republic Title

Senior BI Analyst

Jan 2024 - Dec 2024

- Architected Snowflake data models integrating financial, operational, and sales data into unified analytical layers.
- Developed the organization's first self-service analytics app using Streamlit + Python for natural-language querying over Snowflake.
- Introduced data modeling standards, documentation, and source control, improving reliability and cross-departmental reuse.
- Partnered with leadership to define metric definitions and KPI logic, supporting the transition toward governed analytics.

### Central Mutual Insurance

BI Analyst

Apr 2022 - January 2024

- Built automated ETL pipelines using SQL Server and Alteryx to standardize HR and Claims datasets.
- Migrated static reports into parameterized Power BI dashboards, increasing adoption by 10x.
- Supported predictive analytics workflows for claims severity and staffing forecasts, leveraging SQL transformations and Excel-based modeling.

## EDUCATION

### University of Texas at Dallas

BS, Cognitive Science

May 2018

## PROJECT

## SKILLS

- Languages & Tools: Python (pandas, numpy, sklearn), SQL (window functions, CTEs, query optimization)
- Data Engineering: Snowflake, dbt, MS SQL Server, Alteryx, ETL design, orchestration principles
- Analytics Engineering: Dimensional modeling, semantic layer design, data contracts, testing
- Visualization & BI: Looker (LookML), Power BI, Tableau, Streamlit
- Cloud & Infrastructure: AWS, persistent derived tables (PDTs), Git-based version control, CI/CD best practices
- Certifications: CompTIA Security+