

# Aidan Thomas

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## Data Analyst | SQL, Power BI & Tableau Reporting | Healthcare & Life Sciences Analytics

Data Science graduate from UNC Charlotte with a Bioinformatics minor and hands-on internship experience turning multi-source data into reporting and insights for technical and non-technical stakeholders. Skilled in SQL, Python, Excel (advanced), and Power BI/Tableau, with domain exposure to healthcare and pharmaceutical data. Strong communicator and organized self-starter who thrives translating ambiguous business problems into data-driven recommendations.

### EDUCATION

#### BS in Data Science — Aug 2022 – May 2026

University of North Carolina at Charlotte · Minor in Bioinformatics · 3.61 GPA

Relevant Coursework: Statistical Analysis, Data Visualization, Database Systems, Machine Learning, Data Engineering, Bioinformatics

### EXPERIENCE

#### Data Engineer Intern

Jun 2025 – May 2026

MetLife · Cybersecurity

- Developed a business case and pilot proposal to replace the enterprise vulnerability management platform — analyzing feature gaps and costs across 3+ vendor options, facilitating stakeholder meetings, and managing project scope through executive presentation.
- Designed and optimized SQL ETL workflows (GROUP BY, HAVING, window functions) to clean, consolidate, and load vulnerability data from 4+ source systems into centralized reporting, cutting manual reporting effort by an estimated 25%.
- Performed data quality assurance across 10,000+ record enterprise datasets, validating identifiers and resolving duplicate records to improve data integrity for downstream reporting.
- Built executive-level Power BI reports and visualizations synthesizing technical vulnerability findings into actionable insights for leadership and stakeholder reviews.
- Collaborated cross-functionally with cybersecurity, infrastructure, and enterprise architecture teams as a point of contact for data change requests, coordinating project timelines with minimal oversight.

#### Machine Learning Intern

May 2024 – Aug 2024

UnicornWizards Consulting

- Cleaned and preprocessed a dataset of 500+ records using Python and Pandas, building repeatable pipelines that resolved missing metadata and duplicates, improving downstream model data quality by an estimated 20%.
- Conducted validation testing on model outputs across 50 test cases to ensure accuracy and consistency, documenting results and coordinating with the project team to resolve anomalies.
- Led end-of-internship presentation to 5 non-technical stakeholders, synthesizing analytical findings into plain-language impact statements that informed project direction and next steps.

### PROJECTS

#### Marketing Campaign Analysis

- Analyzed a public marketing dataset using SQL and Python to identify campaign effectiveness trends across customer segments. Built rolling engagement metrics with window functions and visualized segment performance in Tableau, delivering a stakeholder-ready summary with actionable recommendations.

#### Customer Insights Dashboard

- Designed an interactive Tableau dashboard exploring customer behavior patterns across demographics and purchase history. Focused on making complex data accessible and engaging for non-technical audiences, with clear trend lines, annotations, and narrative structure.

#### RAG Research Assistant

- Built a Retrieval-Augmented Generation system using Claude Code and Python with vector-based retrieval and prompt engineering, plus an evaluation framework to measure agent performance and accuracy.

### SKILLS

**Data Analysis:** SQL (aggregations, window functions, joins, subqueries), Python, Pandas, NumPy, scikit-learn, TF-IDF, R

**Visualization & Reporting:** Tableau, Power BI, Matplotlib, stakeholder presentations

**Excel & Data Quality:** Advanced Excel (pivot tables, VLOOKUP, IF statements) · Record consolidation, duplicate resolution, data validation, QA/UAT testing

**Data Engineering:** ETL design, data pipeline development, schema design, data warehouse concepts

**AI & Development Tools:** Claude Code, Git, Jupyter Notebooks, Linux/command line, reproducible environments

**Domain Exposure:** Pharmaceutical & life sciences data, bioinformatics file formats (FASTQ, VCF, BED), healthcare analytics (HCP/HCO data concepts)

**Professional:** Cross-functional collaboration, project coordination, client communication, time management

### CERTIFICATIONS

Google Data Analytics Professional Certificate (SQL, Tableau, R) · AI for Good Specialization (Ethics & Real-World AI Applications) · Eagle Scout, Boy Scouts of America (Nov 2021)

U.S. Citizen · Willing to relocate anywhere within the United States