Caleb Green

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Professional Profile

High-achieving Management Information Systems (MIS) graduate with a 3.9 GPA and a Google Professional Certification in Data Analytics. Expert in transforming raw, complex datasets into actionable business intelligence through SQL, Python, and Power BI. Proven track record in developing executive-level dashboards and conducting large-scale ETL processes to drive data-informed decision-making.

Education

University of North Carolina at Charlotte | *Charlotte, NC | Dec 2025*
Bachelor of Science in Information Systems | *GPA: 3.9 / 4.0*

Certifications

Google Data Analytics Professional Certificate
Google Cybersecurity Professional Certificate
IBM Data, IT & Cybersecurity Fundamentals
CompTIA Security+ (Candidate - Expected April 2026)

Technical Skills

Data Visualization & BI: Power BI (DAX, Power Query), Tableau, Excel (Pivot Tables, VLOOKUP, Power Query), KPI Development.
Programming & Databases: SQL (Advanced Querying, Joins, CTEs), Python (Pandas, NumPy, Scikit-learn), R (Tidyverse), Microsoft Access.
Analytics & Modeling: ETL Pipelines, Exploratory Data Analysis (EDA), Statistical Modeling, Trend Analysis, Data Normalization (3NF).
Tools: Jupyter Notebooks, Google Colab, GitHub, VS Code, Google Analytics.

Professional Experience

Data Analyst Intern Simulation | *TDS Telecommunications LLC, UNCC | May 2025 – July 2025*
- Executive Dashboards: Co-developed high-visibility customer experience dashboards using Google Analytics, providing leadership with real-time visibility into engagement KPIs.
- Analytical Reporting: Delivered 10+ custom SQL-driven reports, transforming raw relational data into standardized metrics for stakeholder decision-making.
- Data Architecture: Partnered cross-functionally to define requirements and implement new database objects, improving data accessibility and BI reporting efficiency.
- Process Improvement: Designed and maintained Tableau visualizations to streamline recurring reporting workflows.

Instructional Assistant | *UNC Charlotte | Jan 2024 – Dec 2024*
- Mentored 50+ students in programming logic and database management, focusing on code optimization and relational data integrity.

Technical Projects

Sales Insights & Trend Analysis *(Walmart Case Study)*
- Large-Scale ETL: Cleaned and transformed a 600k+ row retail dataset using Python (Pandas/NumPy), achieving 99%+ accuracy by remediating data inconsistencies.
- Interactive BI: Deployed a Power BI dashboard visualizing sales performance across 45 stores, enabling store and department-level revenue drill-downs.

Operational Database Design *(McDonald's Simulation)*
- Architecture: Led a 4-person team to architect a relational database, normalizing 15+ tables to ensure referential integrity for sales and inventory tracking.
- Reporting: Leveraged SQL to generate reports on supplier performance and revenue trends, providing a layer of operational oversight.

Smart Device Behavioral Analysis *(Bellabeat)*
- EDA: Merged and analyzed diverse Fitbit datasets using R (Tidyverse) to identify correlations between activity levels and health outcomes.
- Strategic Insights: Delivered data-backed marketing recommendations, including usage-based incentives and notification timing optimizations.