**Ian Candelaria**  
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**SUMMARY**

Data Analyst skilled in SQL, Python, R, and Excel for transforming raw datasets into actionable insights. Experienced in data cleaning, KPI tracking, dashboard development, and presenting recommendations that support data-driven decision-making. Strong record of process improvement, stakeholder collaboration, and technical documentation.

**EDUCATION AND CREDENTIALS**

**North Carolina Central University, Durham, NC**  
**B.S., Information Technology – Data Analytics** — May 2025

* **GPA**: 3.81, Summa Cum Laude
* **I.T. Eagles** Club – President (2023–2025)

**SKILLS**

* **Programming & Analysis**: SQL, Python, R, MySQL, SAS
* **Data Tools**: Tableau, Power BI, Excel, Data Validation, KPI Tracking
* **Visualization & Reporting**: Dashboards, Reports, Presentations
* **Professional Skills**: Data Storytelling, Cross-Functional Collaboration, Public Speaking, Bilingual (English & Spanish)

**PROJECTS**

**Data Analytics in R – Extinct Species Shiny App**

* Built an interactive Shiny dashboard sampling 200+ species from a dataset of 1M+.
* Visualized extinction drivers with bar and pie charts, identifying lifespan patterns and human vs. natural impacts.

**Modeling & Optimization – Apple Stock Trading Strategy**

* Developed Linear Programming model in R (lpSolve) to optimize buy/sell decisions (2014–2023 Apple dataset).
* Maximized trading profit under budget and transaction cost constraints.

**WORK EXPERIENCE**

**Durham Committee on the Affairs of Black People Inc.** — Durham, NC  
*Data Analyst Intern* | Aug 2024 – May 2025

* Cleaned and validated environmental datasets, improving accuracy for reporting and analysis.
* Analyzed contamination data across multiple community parks, identifying high-risk zones and presenting insights through reports and spatial maps that guided stakeholder decisions — improving accuracy of public health recommendations.
* Created system/data flow diagrams that streamlined backend processes and cut planning time by 20%.
* Presented findings and actionable recommendations to stakeholders to guide community health decisions.

**NCCU GenCyber Camp** — Durham, NC  
*Camp Counselor* | Jun 2024

* Instructed students on Raspberry Pi system setup and data storytelling for cybersecurity labs.
* Led workshops on forensic analysis and drone operations, connecting data analysis to real-world use cases.