George Thomas Johnson

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Summary

Detail-oriented analyst with experience in **Python**, **SQL**, **R**, **Excel**, and advanced **Statistics** seeking to apply data analysis and automation skills to support decision-making, streamline workflows, and drive business impacts. I am committed to and confident that I can bring these skills to help your company grow, innovate, and succeed.

Relevant Work Experience

Poliquicks | Business Analyst | Austin, Texas   Apr 2025 - Current
- Identified **KPIs** to boost off-cycle user activity, increasing app engagement by **15%**
- Constructed **Power BI** dashboards using **Google Analytics** data to deliver business insights
- Automated reporting with **Python**, cutting manual work by **80%**

Harris County Treasury | Operations Analyst Intern | Houston, Texas   Jan 2025 – Apr 2025
- Tracked **100K+** 1099 forms to ensure **accurate financial reporting**
- Monitored **financial data** across **54 MUD Districts**, inspecting fund allocation
- Programmed **VBA macros** to automate data formatting, reducing manual processing time by **82%**

Poliquicks | Data Analyst |Austin, Texas   Sep 2024 – Dec 2024
- Developed **data-driven maps** to optimize user targeting, boosting engagement by **63%**
- Conducted **market analysis** to guide outreach, increasing app engagement by **63%**
- Removed **biased data** to enhance data integrity and improve business credibility

Asia Society Texas | Financial Analyst | Houston, Texas   *May 2024 – Aug 2024*
- Presented **Excel-based cost-benefit models**, contributing to 43% revenue growth
- Cleaned **survey data**, increasing response quality by **22%**
- Mapped **demographic trends** to identify new markets, increasing ticket sales by **62%**

Data Analysis Projects

Python | Policy Analysis Final Project | Data Reanalysis Project   Jan 2025 – Apr 2025
- Rebuilt **MATLAB** project with **Python** (**NumPy, Matplotlib, and Pandas)**
- Created **summary tables** and **graphs** to analyze policy impacts

R | Advanced Policy Research Final Project | Data Replication Project   *Sep 2024 – Dec 2024*
- Analyzed **100,000** data points with **R** and **fixed-effects regression**
- Built **8 econometric models** using demographic controls, clustered errors, and weighted variables

MATLAB | Mathematics for Economics Final Project | Data Simulation Project   *Sep 2024 – Dec 2024*
- Simulated tax and tariff policy changes on GDP, income distribution, and economic inequality
- Generated **model graphs** for detailed economic **visualization**

STATA | Economic Growth Theory Final Project | Data Interpretation Project   *Feb 2024 – May 2024*
- Modeled GDP's **relationship** with child mortality via **regression**; improved R^2: 0.099 to 0.392
- Performed **T-tests** to assess statistical **significance**

Education

University of Houston, B.S in Economics & Public Policy   *Aug 2022 – May 2025*
- **Honors**: Dean's List Spring 2024, Certificate in Quantitative Economics
- **GPA's**: 3.3 (Cumulative), 3.4 (Economics), 3.6 (Public Policy)

Technical Skills

- **Coding Proficiencies**: Python (Pandas, NumPy, Matplotlib), STATA, VBA, MATLAB, R, SQL
- **Software / Tools**: Excel, Power BI, Google Analytics, Outlook, PowerPoint, LaTeX
- **Math:** Game Theory, Statistics, Multivariable Calculus, Linear Algebra