

## SUMMARY

Data-driven professional transitioning from an 8-year career in law enforcement into data analytics. Known for operational precision, pattern recognition, and decision-making in high-stakes environments. Proficient in Excel, SQL, PowerBI, with ongoing training in Python, Azure and AWS. Brings a disciplined, mission-oriented approach to solving complex problems with data.

## SKILLS & TECHNOLOGIES

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**Languages:** SQL, Python, LaTeX

**ML / AI:** Cursor, Claude, ChatGPT

**Frameworks:** Nodejs, ETL, REST APIs

**Cloud / Tools:** Docker, GitHub, Tableau, Power BI, Heap, MixPanel, Jupyter Notebooks, Colab, Microsoft Excel

**Methods:** A/B Testing, Optimization

**OSINT:** TLO, Motorola Vigilant ALPR Systems Operator

## PROJECTS

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### U.S. Public Debt Analysis | Excel

<https://github.com/Domanoski0282/US-Debt-Tracker-Project>

- Analyzed publicly available U.S. government debt data to identify long-term trends, growth rates, and component-level drivers of total public debt.
- Data cleaning and pre processing were performed, including date normalization, numeric standardization, and handling missing or inconsistent values.
- Built Pivot Tables to aggregate and compare debt metrics in monthly and yearly time periods.
- Created calculated fields and Excel formulas to compute percentage changes and trend indicators year-over-year.
- Developed time-series visualizations to support exploratory data analysis and clearly communicate insights.
- Evaluated relationships between Debt Held by the Public, Intergovernmental Holdings, and Total Public Debt Outstanding.

**Tools:** Microsoft Excel (Pivot Tables, formulas, charts), public U.S. government datasets

### Sandy Hook Ocean Conditions Monitor — Real-Time Marine Data Analytics System

*Real-Time Ocean Conditions Monitoring and Analysis*

- Integrated two NOAA APIs (NDBC and CO-OPS) to retrieve real-time wave, wind, pressure, and tide data
- Built robust parser for NDBC text data that handles format variations, duplicate columns, and missing values
- Implemented time-series analysis with anomaly detection, automated reporting, and data visualization using Python, Pandas, NumPy, and Matplotlib

## EDUCATION

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### Analyst Builder Data Analytics Program

*Analyst Builder, 2025 / In Progress*

### Associate of Science

*Ocean County College, 2014 / Criminal Justice*

## CERTIFICATIONS

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**Data Analytics:** SQL, Microsoft Excel for Data Analytics

**Policing:** NJ PTC Class A Officer

**Combatives:** Defensive Tactics Instructor | Black Belt, BJJ

**Teaching:** Methods of Instruction

**Investigations:** Criminal Interdiction, Domestic Violence Training, Vehicle Pursuit, and Use of Force

## EXPERIENCE

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### Technology / Government

#### Police Officer

*Township of Livingston, NJ – Livingston Township Police Department (2022–Present)*

- Engaged in data-informed patrol strategies that reduced vehicle theft incidents
- Supported investigations requiring critical analysis and situational judgment
- Use of SAS and other programs to answer calls for service and report writing

#### Police Officer

*Green Brook, NJ – Green Brook Township Police Department (2017–2022)*

- Ranked 2nd in departmental arrests two years consecutively through proactive policing
- Authored detailed reports to support legal outcomes and internal evaluations
- Use of SAS and other programs to answer calls for service and report writing