# Anthony E. Domanoski

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## 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, and Tableau, with ongoing training in Python, Pandas, Azure and AWS. Brings a disciplined, mission-oriented approach to solving complex problems with data.

## SKILLS & TECHNOLOGIES

**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

**Oura Ring / Sleep and Activity Analysis**

**Oura Ring Health Data Project**
*ETL Oura Ring Data from Cloud Server to Local Machine*
- Cleaning and analyzing wearable device data to identify sleep and recovery trends
- Using SQL for querying, Excel for data cleaning, and Power BI for dashboard visualizations
- Utilizing AI tools to help debug and check work.

**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 fetch 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

**Analyst Builder Data Analytics Program**
*Analyst Builder, 2025 | In Progress*

**Associate of Science**
*Ocean County College, 2014 | Criminal Justice*

## CERTIFICATIONS

**Data Analytics:** SQL, Microsoft Excel for Data Analytics
**Policing:** NJ PTC Class A Officer
**Combatives:** Defensive Tactics Instructor | Brown Belt, BJJ
**Teaching:** Methods of Instruction
**Investigations:** Criminal Interdiction, Domestic Violence Training, Pursuit and Use of Force

## EXPERIENCE

**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