

Steven J. Siciliano

DATA ANALYST | DATA SCIENCE & MACHINE LEARNING

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Professional Summary

Data Analyst and U.S. Army veteran who supported high-value military operations by identifying cargo discrepancies, reducing the risk of costly shipment delays, and providing leadership with reliable data across thousands of equipment and personnel movements. At Kelm Media, built the company's first database, replacing inefficient manual processes, saving weeks of administrative work, and delivering insights that guided recruiting decisions. Currently applies analytical expertise to supplier pricing, purchasing, and inventory management at Fragrance.com while pursuing an M.S. in Data Science at Purdue University.

Professional Experience

Buyer

October 2026

Fragrance.com | Deer Park, NY (Hybrid)

- Analyze sales trends, product movement, inventory levels, and pricing data to support purchasing and replenishment decisions.
- Prepare purchase orders across multiple suppliers, evaluating product demand, availability, and purchasing requirements.
- Compare supplier pricing, negotiate costs, and resolve purchasing discrepancies, including duplicate orders and competing product alternatives.

Data Analyst | Database Developer

06/2024 – 10/2025

Kelm Media

- Independently built a MySQL database replacing a paper-based system for **approximately 400 applicant/student records**, saving employees weeks of manual administrative work while continuing to support ongoing operations.
- Developed SQL queries to retrieve, organize, and analyze data while migrating and validating legacy records, resolving duplicates, missing information, and formatting inconsistencies to improve data quality.
- Analyzed applicant demographics, education, and geographic trends to identify recruiting opportunities, providing recommendations that **informed decisions on which recruiting locations to visit next**.

Transportation Management Coordinator (88N)

12/2013 – 12/2022

U.S. Army | Deployments: Kuwait • Germany

- Reconciled port cargo records in Excel against physical shipment documentation, identifying and resolving SKU/TCN, dimension, and shipment-status discrepancies to **improve data accuracy and reduce transportation delays**.
- Tracked **thousands of equipment and personnel movements** across multi-unit operations, identifying delays and reporting shipment timelines and readiness updates to command leadership.
- Translated transportation and readiness data into movement plans, leadership briefings, and operational recommendations that supported decision-making on missions valued in the **millions of dollars**.

Projects

E-Commerce Customer Satisfaction & Predictive Analytics

Olist Brazil | [GitHub Project](#)

- Analyzed 99K e-commerce orders using SQL, finding that 1-star reviews had nearly twice the delivery time of 5-star reviews.
- Built an 8-table PostgreSQL data pipeline processing 340K rows and a Power BI dashboard tracking delivery performance and customer satisfaction KPIs.
- Engineered 126 features and evaluated Logistic Regression and Random Forest models; achieved 50% recall for negative reviews and identified missed delivery promises as a key predictor.

Skills

Programming & Analytics: Python • SQL • Pandas • NumPy • Excel (PivotTables, Power Query)

Machine Learning & Visualization: scikit-learn • Logistic Regression • Random Forest • Feature Engineering • Power BI (DAX) • Tableau
Databases & Business Analytics: PostgreSQL • MySQL • Google BigQuery • Procurement Analysis • Inventory Analysis • Supplier Pricing Analysis

Professional Development

Data Career Launch Program — Data in Motion

2026–Present

- Hands-on training in Excel, SQL, Python, Tableau, and data storytelling, supported by real-world projects and 1:1 mentorship.

Education

M.S. Data Science — Purdue University 4.0 GPA

Expected 06/2027

B.S. Computer Science — Farmingdale State College

Graduated 12/2024