

# Pavlo Mysak

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## EDUCATION

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**Boston University**  
**M.S. Data Science**

Boston, MA  
August 2025 – Expected May 2026

**State University of New York at New Paltz**  
**B.S. Business Analytics; Minor in Economics**

New Paltz, NY  
August 2022 - May 2025

**Summa Cum Laude, GPA: 3.94/4.0**

Exceptional Student Leader Award · Dean's List (2022-2025)

**Relevant Coursework:** Machine Learning, Big Data Management, Time Series Analysis, Linear Programming

## WORK EXPERIENCE

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**La Tourangelle**  
eCommerce Analyst  
eCommerce Analyst Intern

Remote  
Nov 2023 – Present  
Apr 2023 – Aug 2023

- Developed an ML pipeline (PyTorch) using multitask learning to forecast intermittent demand, jointly training classification and regression objectives; reduced PO errors and saved \$300k annually.
- Engineered a web-app for shipment planning, integrating LightGBM forecasts, EOQ optimization, and custom algorithms to auto-recommend future shipments.
- Spearheaded ETL pipeline development using Python to schedule data flow from Amazon API to internal reports, automating predictive workflows and saving 6+ hours weekly.
- Researched consumer price sensitivity and market trends, uncovering behavioral patterns to support pricing and promotional decisions.
- Built an automated sentiment analysis pipeline in Python, scraping and analyzing Amazon reviews, using NLP models (HuggingFace) to summarize consumer preferences, guiding product & marketing strategy.
- Designed and deployed four interactive dashboards to track sales and marketing KPIs.

**SUNY New Paltz**  
Teaching Assistant, Research Assistant

New Paltz, NY  
Jan 2024 – Jun 2024

- Provided support and led lab sessions for 60+ students across three undergraduate courses, covering data visualization (Tableau), database management (SQL), statistical analysis (R), and advanced business analytics (ML).
- Conducted research on 'AI Applications in Online Retail' and 'The Impact of AI Popularity on Stock Volatility and Returns', responsible for coding, modeling, and analysis.

**IZEA**  
Data Analytics & Strategy Intern

Remote  
Jan 2023 – Apr 2023

- Developed 15 interactive Tableau dashboards to visualize marketing data and facilitate data-driven decision making.

## ACTIVITIES & PROJECTS

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**[Business Analytics Competition @ Manhattan College](#)**

NYC, NY  
May 2024

Top 3 Overall out of 21 Teams

- Conducted a causal inference analysis using fixed effect regression discontinuity design (RDD) model to quantify the impact of COVID-19 on nursing home financial performance from 2015-2022.

**Project Lead | SUNY New Paltz: Business Analytics Club Consulting Initiative**

Jan 2025

- Founded and led a consulting project with local hospitality business.
- Managed 10-person analytics team, overseeing client engagement and dashboard development.

## SKILLS

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**Languages:** Python, R, SQL

**Libraries/Tools:** Numpy, Pandas, Scikit-Learn, PyTorch, Tableau, Excel

**Techniques:** Regression, Classification, Causal Inference (RDD, DiD, PSM, Synthetic Control), Clustering