

# KERVIN BENOIT

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## Professional Summary

Data professional with 5+ years of enterprise operations experience and M.S. in Data Science & Machine Learning. Proven track record of streamlining operations through SQL, Python, and AI-powered automation solutions.

## EDUCATION

### Master of Science in Data Science & Machine Learning

August 2025

College of Engineering, Florida Atlantic University, Boca Raton, Florida

### Bachelor of Business Management Information System

August 2024

Florida Atlantic University, Boca Raton, Florida

## PROJECTS

### Generative AI-Powered SDLC Automation System

- Built an AI pipeline automating documentation and code generation, cutting delivery time by 70%
- Developed full-stack components integrating LLMs with APIs to streamline spec-to-code workflows

### Book Conversation App

- Created a cloud-native Q&A app using Flask + Google Cloud, with real-time transcription and AI responses
- Applied transformer models for unstructured text processing, achieving 85% accuracy in Q&A matching

### Stock Market Pattern Analysis & Prediction

- Designed a predictive model using Random Forest + K-means clustering on 5 years of data
- Built Python data pipelines (pandas, NumPy) to automate cleaning, feature extraction, and trend analysis

## KEY SKILLS

- **Programming & Data Tools:** Python, SQL, pandas, NumPy, Git, Flask, Power BI, Tableau, Excel
- **AI/ML Frameworks:** scikit-learn, TensorFlow, PyTorch, Transformer Models
- **Data Ops & Engineering:** ETL pipelines, Data modeling, Data validation, Inventory systems
- **Cloud & APIs:** Google Cloud Platform, REST APIs, LLM APIs, Automation scripting
- **Methodologies:** Agile/Scrum, KPI development, Cross-team collaboration, Incident resolution

## PROFESSIONAL EXPERIENCE

### Warehouse Supply Inventory Analyst | Jan 2020 – Present

ALDI USA, Royal Palm Beach, Florida

- Manage inventory and distribution operations for 2000+ retail locations, overseeing \$10M+ in supply chain performance.
- Analyze transaction-level data using Excel and SQL to ensure accuracy across shipments, vendor contracts, and order tracking.
- Lead reporting efforts using Power BI, streamlining KPI visibility and cutting regional inventory discrepancies by 25%.
- Collaborate with logistics partners and internal teams to maintain compliance, manage documentation, and resolve escalated issues.