



Radyslav Lomanov

Business-Oriented Data Scientist

[View Portfolio](#)

Target Roles

Data Scientist

Designing profitable business systems through data research based on mathematical and Data Science models

ML Engineer

Building ML pipelines from mathematical modeling to production deployment with measurable business results

Key Skills

- Mathematics:** statistics, linear algebra, probability theory, calculus
- Python:** Pandas, Scikit-learn, XGBoost, PyTorch
- ML:** Time Series, K-means, regression
- DB:** PostgreSQL, BigQuery
- BI:** Power BI, Tableau, Looker Studio
- AI:** Claude Code, Cursor, Copilot
- English:** B2+

Education

Mathematician

Taras Shevchenko National University
Kyiv 2010 - 2015

Data Analyst

IBM
Online 2024 - 2025

Contacts

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Mathematician transforming data into profitable systems with **Data Science & ML**

[GitHub Profile](#)

Professional Experience

Data Scientist

NDA | MedTech
Investment Product Development 2024 - 2026

- Built a demand forecasting module (Prophet, ARIMA) for an assortment management system: **-18% write-offs, +12% inventory turnover**
- Developed a drug substitutability calculation system, planogram optimization system, and purchase recommendation system: **inventory optimization at +34% ROI**
- Built an adaptive break-even assortment core module. Delivered a full ML pipeline for the assortment management system with model quality assessment and infrastructure scaling: **standalone product generating \$50k+ / mo**

ML Engineer

NDA | E-commerce
Amazon US Marketplace 2022 - 2024

- Built an ML dynamic pricing system for Double Pack products using 3rd-order polynomial regression incorporating Ridge regularization (via `scipy.optimize`): **+25% Net Profit**
- Developed an ETL pipeline for aggregating Amazon Business Reports and a system calculating 7+ KPI metrics with automated analytics (conversion, traffic acquisition, cross-sales, session margin): **full analytics automation for 1000+ SKUs**
- Deployed a production system from raw Amazon CSV reports to BI dashboards with pricing recommendations and validation of results, replacing intuitive pricing with a data-driven approach: **+\$25k / mo net profit**

Quantitative Analyst

NDA | FinTech
Crypto Algorithmic Trading 2021 - 2022

- Developed a correlation analysis and matrix system for pair trading on crypto futures (Bybit, Binance), Forex and Stock markets: **strategy stabilization, +21% ROI**
- Conducted Z-score normalization and spread analysis of trading pairs to optimize entry and exit points: **reduced false-positive signals, +12% profitability**
- Developed a clustering and statistical filtering system for trading indicators incorporating machine learning algorithms for signal filtering: **improved signal quality, -29% losing trades**

Work Formats



Full-Time

from \$3,200/mo + KPI bonus 5-10% of results

Full project involvement
Payment every 2 weeks
Trial 1 month



Part-Time

from \$1,200/mo + from \$35/hr (min. 40 hrs/mo)

Flexible expertise engagement
Payment weekly
Trial 1 week