

Pietro Di Leo

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github.com/DLPietro

SUMMARY

Data Analyst with 3 years of custody operations and data-driven automation. Built NAV calculators, churn models, and portfolio risk tools using **Python, SQL, R** and **Power BI / Tableau**.

Proven record: cutting reporting time by 90%, boosting accuracy to 35%, delivering actionable insights.

EXPERIENCE

Operations Officer – Zarattini International Ltd – Malta	Jun 2023 – Present
• Managed daily custody operations: FX settlements, corporate actions, daily reconciliation	
• Automated NAV reporting (Python) – reduced 2h manual work to 30s	
• Improved reporting accuracy to 90% via validation scripts.	
Junior Operations Officer – Zarattini International Ltd – Malta	Feb 2022 – Jun 2023
• Executed market orders and reconciliations for institutional funds	
• Designed checklists to cut operational errors by 35%	

EDUCATION

MSc Quantitative Finance – University of Perugia	Feb 2024
BSc Economics – University of Catania	Dec 2018

PROJECTS

Casino KPI Dashboard	DLPietro/igaming
• Analyzed 40,000 gaming sessions for retention, churn, and LTV, and key player behavior insights.	
• Tools Used: Python, Pandas, Numpy, Jupyter Notebook, Matplotlib, Scikit-learn	
User Retention A/B Test	DLPietro/retention-test
• A/B test for a promotional offer on user retention in an iGaming environment	
• Tools Used: Python, SQL, Tableau, Pandas, Plotly, A/B testing, Statistical Analysis	
Customer Intelligence Banking Analytics	DLPietro/banking
• Banking analytics, from segmentation to profitability analysis using a dataset of 100K clients and 40 variables	
• Tools Used: SQL, PostgreSQL, DBeaver, Excel, Power BI	
Portfolio Risk Report	DLPietro/portfolio-risk
• Computes Portofolio Volatility using EWNA, Historical, Bootstrap & Monte Carlo	
• Tools Used: Python, Pandas, NumPy, Matplotlib, API integration	
Custody NAV Calculator	DLPietro/custody-nav
• Automated NAV calculator with live market data, cutting time by 90%	
• Tools Used: Python, Pandas, Requests, Financial Data APIs	

SKILLS

Hard: Python, R, SQL, Tableau, Power BI, Excel, Statistics, Financial Modeling, Data Analytics, Data Manipulation, Data Validation, Portfolio Optimization

Technology: Git, GitHub, Google Colab, VS Code, Jupyter Notebook, Linux Debian, PostgreSQL, DBeaver

Soft: Problem solving, Attention to Detail, Autonomy, Curiosity

Languages: Italian, English, Spanish

Certifications: CISI Securities & Investment, Data Analyst with R