

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 Portfolio 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