Pietro Di Leo

Malta (MT) | dileopie@gmail.com | +356 79316670 | dlpietro.github.io | linkedin.com/in/pietrodileo
github.com/DLPietro

SUMMARY

Data Analyst with 3 years of custody operations and data-driven automation. churn models, and portfolio risk tools and analytics dashboards 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

Louisville Metro Payroll DLPietro/louisville-payroll

- Louisville's public salary records (2020–2024) analyzed (overtime, earners, spending, etc.).
- Tools Used: PostgreSQL, SQL, Tableau, DBeaver

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

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