

VALERIO MEZZOPRA

Data Analyst & Engineer · BI · ETL · Process Automation

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PROFESSIONAL SUMMARY

Data Analyst and Data Engineer with ~3 years of experience delivering end-to-end business intelligence and ETL solutions in enterprise IT and banking. Automated 40+ reports and built 30+ dashboards in SQL, Python, and Power BI, saving ~20 hours per week across recurring deliverables. Focused on turning raw data into stakeholder-ready data visualizations and actionable KPI reporting.

CORE TECHNICAL SKILLS

Languages & Querying: SQL (MySQL, PostgreSQL, MariaDB), Python (pandas, NumPy), DAX, Power Query (M)

BI & Data Visualization: Microsoft Power BI, Grafana, Microsoft Excel (pivot tables, advanced formulas)

Data Engineering & ETL: ETL pipeline development, data modeling, KNIME, data cleaning & validation, KPI/reporting automation

Automation & Tools: Power Automate, Power Automate Desktop, REST APIs, GitHub Actions, Git/GitHub, Notion API, Microsoft 365

PROFESSIONAL EXPERIENCE

Data Analyst — Alfa Group S.p.A. (banking client)

Dec 2025 – Present · Rome

- Created and delivered 3 Power BI dashboards for cybersecurity monitoring across an enterprise banking IT environment, consolidating 4 data sources (email logs, Tenable, Qualys, internal DB) into unified threat-level reporting for stakeholders.
- Engineered data models, DAX measures, and Power Query transformations providing daily visibility to cross-functional security and IT teams for data-driven decision-making.
- Refined and optimized 4 ETL workflows integrating KNIME and Python, improving data-refresh reliability and reducing manual intervention through standardized validation checks.

Junior Data Analyst — Attitude S.r.l.

Aug 2023 – Dec 2025 · Rome

- Automated 40+ reports end-to-end with Python and SQL across 5+ client projects, saving ~20 hours per week of manual work and eliminating recurring data-extraction bottlenecks.
- Built and maintained 30+ Power BI and Grafana dashboards, including real-time operational monitoring views, delivering data visualization and KPI reporting across multiple business domains.
- Implemented data pipelines for ingestion and quality checks in Python; performed complex CRM analytics in SQL, identifying and fixing major data-integrity issues that impacted downstream reporting.
- Streamlined recurring data flows with KNIME, Power Automate, and Power Automate Desktop, standardizing scheduled extraction and validation of multi-source datasets.
- Collected requirements from stakeholders and communicated analytical results directly to clients, translating business needs into actionable, data-driven insights.

SELECTED PROJECTS

- **Sales Performance Rating Engine** (Python, MariaDB, Power BI) — End-to-end algorithm scoring sales performance across all hierarchy levels and business lines nationwide; EDA on MariaDB, 4+ dashboards to top management.
- **Vulnerability Assessment ETL** (KNIME, Python, Excel) — Reverse-engineered a legacy Excel data flow into an automated KNIME pipeline with 150+ connectors for vulnerability assessment analytics communicated to the client.
- **Real-time Call Center Monitoring** (Grafana, MySQL) — 5+ live dashboards tracking 50+ operators in real time, enabling immediate staffing and service-level decisions.
- **Lead-Gen Funnel Dashboard** (Power BI, Power Query) — High-design dashboard visualizing a full lead-generation funnel with end-to-end ETL in Power Query; praised by client for clarity.

EDUCATION & CERTIFICATIONS

Master in Data Analysis — Start2impact University (2022–2023)

Coursework: SQL, Python, advanced Excel, Power BI, statistical analysis.

AI Engineer – Agentic Track — Ed Donner's Proficient AI Engineer curriculum (in progress)

RPA Automation (2026)

MSSP Practitioner (2026)

Oracle SQL Developer (2024)

LANGUAGES

Italian — Native | English — B2 (Upper-Intermediate) | Farsi — Beginner (A1)