Pietro Gazzi
My Portfolio

Paris, 75011

pietrogazzi01@gmail.com
+33 0766968051

Professional Summary

Data-driven professional with expertise in SQL, Python, and visualization tools (Power BI, Tableau). Experienced in predictive modeling, business process optimization, and strategic decision-making. Visit my portfolio for more details.

Work Experience

- **Maintenance Analyst** <div align="right">Leonardo Helicopters, Milan</div>
  May 2024 – Present
  - Analyzed and repaired structural components using data-driven methodologies.
  - Developed SQL-based dashboards in Power BI, reducing repair turnaround time by 15% and increasing operational efficiency.
  - Utilized statistical analysis and machine learning techniques to identify failure patterns.
  - Collaborated with cross-functional teams to improve data collection and reporting processes.
  - Conducted market analysis to identify business opportunities and optimize repair services.

- **Research Engineer** <div align="right">Institut Polytechnique de Paris, Paris</div>
  Feb 2023 – May 2024
  - Experimental and numerical analysis of crack propagation in 3D printed Polycarbonate and additive manufacturing of optimized specimens.
  - Performed data analysis to support research projects and improve experimental designs.

- **Structural Analyst** <div align="right">Thales Alenia Space, Turin</div>
  May 2022 – Jan 2023
  - Developed data-driven models to predict structural performance and optimize designs.
  - Analyzed structural cost-performance trade-offs using Python (Pandas, NumPy), optimizing component design and reducing production costs by 5%

Education

- **Politecnico di Milano** <div align="right">Aerospace Engineering</div>
  Sept 2020 – Dec 2022

- **Università degli Studi di Firenze** <div align="right">Mechanical Engineering</div>
  Sept 2017 – Jul 2020

- **Coursera Certifications**
  2024-2025

  - Data Science Specialization (Johns Hopkins University)
  - Investment Management with Python and Machine Learning (EDHEC)
  - Google Data Analytics Professional Certificate (Google)
  - PostgreSQL for Everybody (University of Michigan)

Specialized Skills

- **Data Processing:** Data Cleaning, ETL, Data Wrangling
- **Programming:** SQL (PostgreSQL, MySQL), Python (Pandas, NumPy, Matplotlib, Seaborn), LaTeX, HTML, CSS
- **Business Intelligence:** Power BI, Tableau, Excel (Advanced)

- **Statistical Analysis:** A/B Testing, Regression Analysis, Business Metrics, Time Series Forecasting

Languages

Italian: Native   **English:** Fluent   **French:** Fluent