# Pietro Gazzi

**Paris, 75011**
My Portfolio

pietrogazzi01@gmail.com
+33 0766968051

## Professional Summary

Analytical professional with strong skills in SQL, Python, and data visualization (Power BI, Tableau). Experienced in data analysis, predictive modeling, and business intelligence, with a focus on turning complex datasets into actionable insights. Skilled in process optimization and cross-functional collaboration to support strategic decisions and drive business performance.. Visit my portfolio for more details.

## Work Experience

- **Maintenance Analyst** — Leonardo Helicopters, Milan
  *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** — Institut Polytechnique de Paris, Paris
  *Feb 2023 – May 2024*
  - Analyzed experimentally and numerically the crack propagation in 3D printed Polycarbonate and the additive manufacturing of optimized specimens.
  - Performed data analysis to support research projects and improve experimental designs.

- **Engineering Analyst** — Thales Alenia Space, Turin
  *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** — Industrial Engineering
  *Sept 2020 – Dec 2022*

- **Università degli Studi di Firenze** — Mechanical Engineering
  *Sept 2017 – Jul 2020*

- **Coursera Certifications**
  *2024-2025*
  - Investment Management with Python and Machine Learning (EDHEC)
  - Data Science Specialization (Johns Hopkins University)
  - Google Data Analytics Professional Certificate (Google)
  - PostgreSQL for Everybody (University of Michigan)

## Specialized Skills

- **Data Processing:** Data Cleaning, ETL, Data Wrangling
- **Business Intelligence:** Power BI, Tableau, Excel (Advanced)
- **Programming:** SQL (PostgreSQL, MySQL), Python (Pandas, NumPy, Matplotlib, Seaborn), LaTeX, HTML, CSS
- **Statistical Analysis:** A/B Testing, Regression Analysis, Business Metrics, Time Series Forecasting

## Languages

**Italian:** Native    **English:** Fluent    **French:** Fluent    **German:** Beginner