

Pietro Gazzi

[My portfolio](#)

Paris, 75011

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Professional Summary

Data-driven professional with expertise in SQL, Python, and visualization tools (Power BI, Tableau). Experienced in building predictive models, optimizing business processes, and delivering actionable insights. Passionate about using data analytics to drive strategic decision-making and operational efficiency. Visit my portfolio for more details.

Work Experience

Maintenance Analyst

Leonardo Helicopters

June 2024 – Present

Milan, Italy

- Analyzed and repaired structural components using data-driven methodologies
- Analyzed helicopter repair data (SQL, Power BI) to identify failure trends, cutting downtime by 15%
- 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

February 2023 – March 2024

Paris, France

- 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

Thales Alenia Space, Akka Technologies

May 2022 – January 2023

Turin, Italy

- Developed data-driven models to predict structural performance and optimize designs
- Performed python-based cost-benefit analysis on satellite structures, reducing production costs by 5%

Education

Politecnico di Milano

Aerospace Engineering

September 2020 – December 2022

Università degli Studi di Firenze

Mechanical Engineering

September 2017 – July 2020

Coursera Certifications

Data Science Specialization (Johns Hopkins University), Google Data Analytics Professional Certificate (Google)

Investment Management with Python and Machine Learning (EDHEC), PostgreSQL for Everybody (University of Michigan)

Specialized Skills

Programming languages: SQL, Python (Pandas, NumPy, Matplotlib, Seaborn)

Data Analytics: Power BI, Tableau, Excel

Data Processing: Data Cleaning, ETL

Statistical Analysis: Statistics, A/B Testing

Business Analysis: Business Metrics, KPI Analysis

Languages

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