

DIEGO VIRGILI

MANAGEMENT ENGINEER & DATA ANALYST | +39 3489691514 | diegovirgili99@gmail.com | Madrid

SUMMARY

Graduated with a Bachelor's and Master's Degree in Management Engineering (top honors), with a strong passion for Data Analysis, Data Science, Business Intelligence and AI. Proficient in different Data Analysis tools and programming languages, such as Python, SQL, Power BI and others.

Experienced as a Technical Account in the Business Development Department of an international steel mill, working closely with customers for solving technical issues and engaging in data-driven decision-making processes.

Currently building a personal Data Analysis & Data Science Portfolio to further develop my analytical skills.

SKILLS

- **Programming & Software:** Python (Pandas, NumPy, Scikit-learn, API, other), R, Excel, Microsoft Office, SQL, Power BI, IBM CPLEX (Operations Research), Machine Learning & AI fundamentals.
- **Analytics:** Statistical Analysis, Data Analysis, Business Analysis, Operations Research & Optimization.
- **Technical:** Supply Chain Management, Operations Management, Quality Management, Project Management, Metallurgy, Energy Management.
- **Languages:** English (fluent), Italian (native), Spanish (intermediate).

EDUCATION

UNIVERSITY OF UDINE (ITA)

- **Master's Degree – Management Engineering** October 2024
 - Main Courses: Applied Statistics (R, RStudio), Databases (SQL), Operations Research (CPLEX), Business Strategy, Project Management, Economics, Marketing, Energy Management.
 - Final Grade: 110/110 cum laude (top honors).
- **Bachelor's Degree – Management Engineering** October 2021
 - Courses: Statistics, Mathematics, Physics, Programming (C, Python), Operations & Supply Chain Management, Quality Management, Automatic Controls, Renewable Energies, Mechanics, Electronics.
 - Final Grade: 110/110 cum laude (top honors).

UNIVERSITY OF RHODE ISLAND (USA)

- **Summer University: Lean Six Sigma, Supply Chain Management & Business Administration** July 2023

PROFESSIONAL EXPERIENCE

DATA ANALYST – Independent Projects

Jan. 2025 - Now

Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, API requests), SQL, Power BI, Excel.

- Development of personal Data Analysis & Data Science projects, such as:
 - Air quality and weather Data Analysis for different cities in the world, using Python (Pandas, API requests, other), SQL and Power BI;
 - European Football Data: creation of an interactive dashboard on football data using Power BI and Python, starting from Transfermarkt.com raw data;
 - Bankruptcy prediction for European companies, using SQL and Python (Logistic Regression, Random Forest);
- Continuous Learning and Personal Development:

- Python Programming Bootcamp: 100 Days of Code on Udemy;
- WorldQuant University: Applied Data Science Lab;
- AI Fundamentals by IBM;

ACCIAIERIE BERTOLI SAFAU S.p.A.

Udine, ITA

Technical Account – Business Development Department

Sept. 2021 - Jan. 2025

Led the technical relationship with both Italian and international clients in the Forging Line segment, ensuring alignment between customer needs and internal capabilities.

- Resolved customer claims and led post-sales technical support, improving client satisfaction and reducing claims resolution time by 20% y.o.y.
- Conducted feasibility analyses for new inquiries, supporting pre-sales with timely and accurate technical evaluations, and reducing specification processing time by 15%.
- Performed data-driven analysis of customer claims and internal KPIs, leading to data-driven decision-making and improvements, such as the 5% decrease in internal non-compliant quantity, and the 10% decrease in the external one.

CERTIFICATIONS

- WorldQuant University - Applied Data Science Lab;
- Yellow Belt Six Sigma;
- Python Programming Bootcamp - Udemy;
- AI Fundamentals by IBM;