

FRANCESCO Colasurdo

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ABOUT ME

"Hello world!" I am a 21-year-old student passionate about data, personal growth, and global experiences. I seek to live a meaningful life by applying data science and AI to real-world challenges, embracing new cultures, and staying true to the principle *"mens sana in corpore sano"*—balancing analytical work with an active lifestyle.

EDUCATION

Eindhoven University of Technology (TU/e)

MSc in Data Science and AI

Aug 2025 – Expected Jul 2027

Eindhoven, Netherlands

- Main courses: Longitudinal Data Analysis, Big Data Management, Foundations of AI, Data Intelligence Challenge, Ethics in Data Science and AI

University of Salerno

BSc in Statistics for Big Data

GPA: 27.5/30

Sep 2022 – Jul 2025

Salerno, Italy

- Main courses: Programming (Python, SQL, R), Statistics and Probability, Economics and Game Theory, Econometrics, Machine Learning, Data Manipulation and Visualization, Methods for Big Data.
- Erasmus+ Merit Scholarship for the international mobility project, which enabled a semester of study at the Universidad de Granada (Sep 2023 – Feb 2024).
- Participation in various seminars and workshops on Machine Learning, Business Analytics, and Data Science, conducted by industry experts and companies.

Universidad de Granada

BSc in Estadística y Economía, Erasmus+ Semester

Sep 2023 – Feb 2024

Granada, Spain

- Main courses: Inferential Statistics, Descriptive Statistics, Game Theory.
- Adapted to a new academic environment: Gained experience working in an international academic context in a non-native language (Spanish), developing communication and intercultural collaboration skills. Worked proactively with classmates from diverse backgrounds, learning to manage different approaches and perspectives.

EXPERIENCE

NTT Data

Intern Data Scientist

Mar 2025 – Jun 2025

Napoli, Italy

- Designed and developed a mental health support chatbot from scratch, deployed via Telegram API with a backend built in Dialogflow CX.
- Integrated data collection through Google BigQuery, automating extraction and analyzing user behavior and text-based metrics.
- Discovered key patterns between users' daily routines and emotional states, identifying high-impact variables through exploratory data analysis in R.
- Built dynamic dashboards in Power BI to visualize insights, collaborating within a cross-functional team and leveraging generative AI tools for a socially impactful solution.

Italian-South African Chamber of Trade and Industries

Data Analytics & Market Research Intern

Jan 2025 – Mar 2025

Johannesburg, South Africa

- Conducted market research and data analysis to identify business opportunities between Italian and South African companies.
- Evaluated industry trends and competitive landscapes to support decision-making.
- Assisted in market assessments and partnership evaluations using data-driven insights.
- Contributed to strategic reports and presentations for stakeholders.

Jesal

Head of Sales

Sep 2023 – Jan 2025

Salerno, Italy

- Led the Sales & Business Development team at JESAL, a student-run non-profit offering consultancy services.
- Conducted market research and data analysis projects, providing actionable insights to local clients.
- Collaborated with multidisciplinary teams to deliver tailored solutions, enhancing client engagement and satisfaction.

Airbnb

Property Manager

May 2024 – Present

Salerno, Italy

- Managed and optimized multiple properties on Airbnb, overseeing guest hospitality and operations.
- Earned SuperHost status by consistently delivering excellent service and maintaining top-tier reviews.
- Implemented automated processes to improve efficiency, resulting in a 40% increase in profits.

TECHNICAL SKILLS

- **Languages:** Python, R, SQL
- **Databases:** MySQL, PostgreSQL, MongoDB, BigQuery
- **Machine Learning & AI:** Scikit-learn, XGBoost, TensorFlow, PyTorch
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Plotly, SciPy
- **Tools:** Power BI, Dialogflow CX, Excel, Google Sheets, LaTeX
- **Big Data:** Hadoop, Spark, Sparklyr
- **Statistical Concepts:** EDA, Statistical Inference, Predictive Analytics, Data Modeling, Data Visualization

CERTIFICATES

IELTS 7.5 – Certified English C1 proficiency (British Council) Test Report Form Number: 25IT503120COLF010A
Summer School in Data Science and AI for Life Sciences – Certificate of participation (SAS & University of Cambridge, Online), Focus on AI applications in biomedical research and pharmaceutical development

EXTRA-CAREER EXPERIENCE

- Volunteer with AGESCI Scout Association – Represented Italy at the 2019 Jamboree in West Virginia, USA.
- Executive producer of a short, self-produced film project.
- Organizer of private and public events.

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