

About Me

Accomplished data scientist with seven years of experience in implementing and developing machine learning models with business impacts. Advanced understanding of statistical, algebraic and other analytical techniques. I am looking for the opportunity to build a challenging career and apply my skills in an innovative field.

Work Experience

- Present **Freelance Data Scientist / Data Engineer**
- Independent consultant delivering end-to-end solutions for private clients across multiple industries.
- Responsibilities: Machine Learning, Statistical Analysis, Data Engineering, MLOps, Model Deployment, Data Integration, Automation, Big Data Processing, SQL & Data Warehousing etc..
- 07/2025
- 11/2024 **Senior Data Scientist** ENEL SPA
- Member of the central AI team collaborating with stakeholders of various business area of the company.
- Responsibilities: Predictive Models, Machine Learning, Data Engineering, Dev Ops, Data Mining
 - Fields of work: Energy Management, Human resources, Power Generation, Market and Trading
- 10/2018
- 09/2018 **Junior Data Scientist** INTEGRIS SPA
- Recently graduated, working for a small consultancy company.
- Responsibilities: Predictive Models, Machine Learning, Data Mining, B. I. Analysis and Data Visualization
 - Fields of work: Predictive Maintenance and B.I. Analysis
- 11/2017

Education

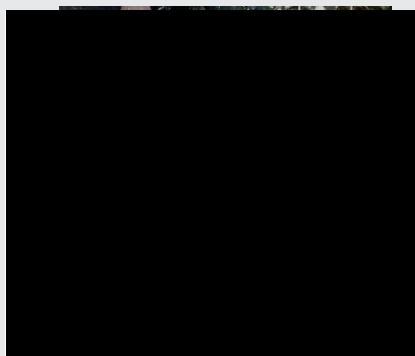
- 2017 **MSc in Statistics and Decision Sciences** University of Rome, La Sapienza
- Graduated with 110/110 cum laude.
- Main subjects: Frequentist and Bayesian Inference, Advanced Statistical Methodology, Probability and Machine Learning
 - Title of the Thesis: "Reinforcement learning techniques in board games"
- 2014
- 2015 **Erasmus+ Student** University of Barcelona
- Participant of the Erasmus+ program. Lived and studied in Barcelona for 6 months.
- Main subjects: Bayesian Inference, Generalized Linear Models and Spanish
- 2014
- 2014 **Bachelor's Degree in Statistica Gestionale** University of Rome, La Sapienza
- Graduated with 110/110 cum laude.
- Main subjects: Statistical Inference, Probability, Informatics and Mathematics.
 - Title of the Thesis: "Stima d'insieme in ambito multivariato"
- 2011

Interests

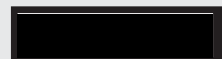
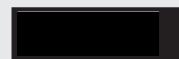
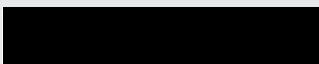
- Always been a passionate traveler and a curious explorer of new cultures
- Strong interest in Music, Computer and Comics
- Board and Strategic games lover.
- Collaborator with the neighborhood after-school program

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D. Lgs. 196/2003

Roma, 18/01/2026



Luca D'Ambra
SENIOR DATA SCIENTIST



Programming

Python ● ● ● ● ●

R ● ● ● ● ●

Java ● ● ● ● ●

Frameworks

Docker ● ● ● ● ●

Kubernetes ● ● ● ● ●

Airflow ● ● ● ● ●

SQL ● ● ● ● ●

Git ● ● ● ● ●

API ● ● ● ● ●

AWS ● ● ● ● ●

MLFlow ● ● ● ● ●

OS Preference

Unix ● ● ● ● ●

Linux ● ● ● ● ●

Windows ● ● ● ● ●

Languages

Italian ● ● ● ● ●

English ● ● ● ● ●

Spanish ● ● ● ● ●

Soft Skills

- Problem Solving Team Work
- Quick Learner Efficient
- Adaptability Resilient
- Analytical Mindset