

Lorenzo Amabili

Personal Details

Desired job: Data Scientist, Data Analyst, Information Designer, Data Journalist

Date of birth: 28/06/1990

Location: Barcelona, Spain (*available to relocate*)

Email: lorenzo.amabili@protonmail.com

Phone: +34 611494210

Work Experience

Data Scientist at [Mosaic Factor](#) from September 2022 to May 2023, in Barcelona, ES.

I worked on a 6-month data-science project and on a 3-month data-consultancy project and I achieved to:

- Provide data insights from the inspection of large amounts of data. *Technology used:* SQL, Python.
- Develop, evaluate, and implement predictive machine learning and time series models to achieve the project objectives.
Technology used: Python, ARIMA models, LightGBM, tree-based algorithms.
- Deliver a business report integrated with data visualizations to inform our client about the opportunities and challenges of the target market by analyzing the data of several potential providers.
Technology used: Python and RawGraphs.

PhD Candidate in Computer Science (Data Visualization) at [Rijksuniversiteit Groningen](#), from August 2017 to July 2022, in Groningen, NL. In this large project, I achieved to:

- Find novel methods to communicate the findings of large medical imaging data analyses.
 - Develop a visual tool based on an extensive study of state-of-the-art techniques in visual storytelling, medical visualization, and human-computer interaction.
Technology used: TypeScript, Angular, Node.js, Express.js, Docker, Python, SQL, and d3.js.
 - Publish a number of [scientific articles](#) and [non-scientific articles](#). *Technology used:* R and ggplot2.
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Education

MSc Degree in Statistics at the [Katholieke Universiteit Leuven](#), from 2014 to 2017, in Leuven, BE

Erasmus Programme at the [Université de Montpellier](#), from 2012 to 2013, in Montpellier, FR

BSc Degree in Statistics at the [Università di Bologna](#), from 2009 to 2013, in Bologna, IT

Skills

Data Science Skills. Data preparation, data analysis, machine learning modeling, and data visualization.

Programming Skills. *Python* (Pandas, NumPy, Matplotlib, Seaborn, Scikit), *R*, *SQL*, *JavaScript/TypeScript*.

Visualization Skills. *D3.js*, *Tableau*, *ggplot2*, *RAWGraphs*, *Adobe Illustrator*, *visualization design*.

Language Skills. *Italian* (mother tongue), *English* and *Spanish* (proficient), and *French* (advanced).

General Skills. Creative problem-solving and critical thinking skills, organizational skills, communication and teamwork skills, adaptability and flexibility, attention to detail, and willing to learn.

Memberships

[Data Visualization Society](#), since 2019

[MENSA](#), the [High IQ Society](#), since 2011.