Lorenzo Amabili

Personal Details

Date of birth: 28/06/1990
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Work Experience

Data Scientist at *Buzzi Unicem* from 10/23, in Casale Monferrato, IT.
My main responsibilities are:

- Curate, manage, and organize heterogeneous data. *Main technologies used:* SQL, Python.

- Design data analysis processes to extract knowledge through statistical models and effectively communicate the analysis results. *Main technologies used:* Python, ML algorithms.

Data Scientist at *Mosaic Factor* from 09/22 to 05/23, in Barcelona, ES.
During this period, I worked on a data-science project and a data-consultancy project and I achieved to:

- Provide data insights by inspecting large amounts of data, and developing, evaluating, and implementing predictive machine learning and time series models. *Main technologies used:* SQL, Python.

- Deliver business reports 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. *Main technologies used:* Python, RAWGraphs.

PhD Candidate in Computer Science at *Rijksuniversiteit Groningen, from 08/17 to 07/22, in Groningen, NL*.
In this large project, I achieved to:

- Find novel methods to communicate the results of large medical imaging data analyses and present them by publishing a number of scientific articles and non-scientific articles.

- Develop a visual tool based on an extensive study of state-of-the-art techniques in visual storytelling, medical visualization, and human-computer interaction. *Main technologies used:* TypeScript, Angular, Node.js, Docker, Python, R, d3.js.

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.