MARCO ZANOTTI

I am a machine learning engineer and data scientist with broad knowledge in time series analysis, forecasting, anomaly detection, and econometrics.
I specialized in developing and enhancing business forecasting processes and practices. Over the years I developed and contributed to core forecasting systems in sectors like e-commerce fashion, airline, tourism and travel. I also guided and mentored junior colleagues in developing predictive models that enable accurate forecasting.
I am passionate about advancing the field of forecasting and fostering collaboration between academia and industry. I do academic work in time series forecasting, and I am a member of the International Institute of Forecasters.
Recently I have enjoyed teaching professionals and university students about time series analysis, machine learning, programming, and statistics.

💼 PROFESSIONAL EXPERIENCE

current | 2024

Data Scientist, Forecasting Specialist
Wanan Luxury 📍 Rome, Italy

- Statistical software development
- R&D Project Leader

2024 | 2021

Data Scientist
Blogmeter - Shibumi Group 📍 Milan, Italy

- Statistical software development
- R&D Project Leader

2021 | 2020

Data Scientist
T-Voice - Triboo Group 📍 Milan, Italy

- Development of client specific data analysis solutions
- Coordination and improvement of R&D activities
- Supervising backend and frontend developments

2020 | 2017

Junior Data Scientist
Uvet American Express Global Business Travel 📍 Milan, Italy

- Development of business R packages
- Development of machine learning and time series models pipelines to forecast travel and airline data
- Business processes automation with OCR solutions
- Management of an opinion mining platform
- Econometric models for business purposes

2017

Data Science Intern
Uvet American Express Global Business Travel 📍 Milan, Italy

Contacts

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- ✉ zanottimarco17@gmail.com
- ⬡ gh-marcozanotti
- in lk-marcozanotti
- 📞 +39 334 9808108

Core Skills

High experience in time series modeling and forecasting, ML modeling and text mining

Languages

Italian
English
French

TEACHING EXPERIENCE

Adjunct Professor

current | 2019

📍 Italy

I teach modern time series forecasting, machine learning, coding, and statistics in both Master and Bachelor degrees at the University of Milan, and in other major italian universities.

Professional Trainer

current | 2019

I offer consultancy and training about forecasting, machine learning, and the development of business specific statistical models. I helped several companies, like Luxottica, Mediaworld, and Blue Panorama Airlines, to improve their forecasting processes and tools.

PUBLICATIONS

On the forecast stability of global forecasting models

2026

University of Milano-Bicocca

Do global forecasting models require frequent retraining?

2026

University of Milano-Bicocca

Bridging the Gap: Enhancing Integrated Framing with Idiosyncratic Volatility and Short Selling

2025

University of Bologna, University of Milano-Bicocca

Climate changing's effects on Silene acaulis

2025

Norwegian University of Life Sciences

dispositionEffect

2021

CRAN, R Software

CONFERENCES & SEMINARS

On the forecast stability of global forecasting models

2026

International Symposium on Forecasting

📍 Montreal, Canada

Do global forecasting models require frequent retraining?

2025

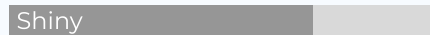International Symposium on Forecasting

📍 Beijin, China

Computing Disposition Effect on Financial Market Data

2021

useR! 2021 Conference

📍 Remote

Programming
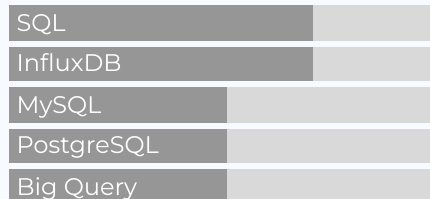
R
Python
Bash

BI & Visualization

Shiny

Databases

SQL
InfluxDB
MySQL
PostgreSQL
Big Query

Versioning

Git
GitHub
GitLab
BitBucket

CI / CD

GitHub Actions
Codecov
Jenkins

Cloud

Google Cloud Platform
Amazon Web Services

🎓 EDUCATION

2026 | 2022	**Ph.D., Statistics** University of Milano-Bicocca	📍 Milan, Italy

Research on time series forecasting, cross-learning, forecasting stability, time series foundation models (LLMs), and sustainable AI

2018	**Post-graduate, Data Science for Economics, Business and Finance** University of Milan	📍 Milan, Italy

2017 | 2015	**M.Sc., Economics and Finance** University of Milan	📍 Milan, Italy

Thesis: Seasonal Analysis and Forecasting Evaluation of Seasonal Models Applied to Air Traffic Demand.
Grade: 110/110 cum laude

2014 | 2011	**B.Sc., Political Sciences and International Relations** University of Parma ERASMUS, University of Lapland, Rovaniemi, Finland	📍 Parma, Italy

Grade: 104/110

🏅 CERTIFICATES

Certified Courses

- High-Performance Time Series Forecasting, BS University
- Time Series Analysis, CAC IIT
- Python for Machine Learning and APIs, BS University
- Python for Data Science Automation, BS University
- Shiny Web Applications, BS University
- Associate Cloud Engineering, Google
- Macroeconometric Foreasting, IMF
- Financial Market Analysis, IMF

👥⚙ PERSONAL COMPETENCES

Organisational and Management

- Project management
- People management: coordination of junior's activities
- High relational and communication skills
- High resistance to stress

Project Management

Jira	
Asana	

Operating Systems

Linux	

Spoorts & Hobbies

I was a footballer. I played in Italian minor championships until 22. Now I practice kitesurf, an amazing waterboard sport, and I do canicross with my little friend Milo.

I like manga, boardgames, curling and footgolf.