Nathan Pizzetta

nathan.pizzetta@gmail.com
GitHub: github.com/n-pizzetta
LinkedIn: linkedin.com/in/n-pizzetta
Website: n-pizzetta.github.io

Professional Experience	**Data Scientist/Engineer - Apprenticeship** *Ecologie Logistique, Paris*	Sep 2024 - Present

Google & Think Young Hackaton — Jun 2024 - Sep 2024
AI powered tool against misinformation
TSE Junior Etudes, Paris

- Developed a tool called "Verichat" to fact-check information and provide insights on members of the European Parliament.
- Got a partnership with AFP (Agence France Presse) to get access to their APIs.
- Presented our solution at Google's headquarters in Paris.

Machine Learning model for churn prediction — Apr 2024 - Jun 2024
TSE Junior Etudes, Toulouse

- Developed a predictive model to identify customer churn.
- Implemented a full pipeline in Python for production.
- Worked jointly with the ADDEV Materials team.

Data Scientist - Internship — May 2022 - Jul 2022
Ecologie Logistique, Paris

Database Conversion Application

- Created a Python application for converting and concatenating Access databases to CSV format.
- Deployed the application on the Streamlit platform.

Web Scraping and Data Retrieval Scripts

- Designed and implemented web scraping scripts in Python to gather online data.
- Enhanced data collection processes to enable continuous data retrieval.

SARIMAX Pollution Data Model

- Developed a SARIMAX model in Python to track pollution data trends in Saint-Cyr.
- Provided actionable insights for environmental policy development.

Education

Master Degree Data Science - Econometrics and Statistics — Sep 2023 - Present
Toulouse School of Economics, Toulouse
Double Bachelor's Degree - Mathematics and Economics — Sep 2019 - Jun 2023
Toulouse School of Economics, Toulouse

Projects

SARIMAX COVID-19 Impact Model on Air Traffic — Jan 2022 - Apr 2022

- Built a SARIMAX model in R to study the impact of COVID-19 on European air traffic.
- Supported research with quantitative analysis and predictive modeling.

Technical Skills

Programming Languages: Python, R, LaTeX, Bash
General: Predictive modeling, Statistical analysis, Machine learning, Deep Learning, Web Scraping
Tools: GitHub, VSCode, RStudio, Jupyter

Languages

English: B2 certified TOEFL (91 points)
Spanish: C1 certified DELE
French: Native speaker

Favourite Hobby

Trekking: Passionate about long-distance hiking and exploring mountainous regions.