

DIB Matéo

Address : 13 Lotissement les Lilas, 26400 Aouste-sur-Sye

Email : mateo.dib@etu.unistra.fr

Linkedin

Github

Nationality : French

Date of birth : 11 June, 2002

Driving licence : B Licence

PROGRAMMES AND DEGREES

2023-2025 : Double Degree, Faculty of Economics and Management, University of Strasbourg, Strasbourg (67)

- Magisterium in Economic Engineering (2nd and 3rd year)
- Master's degree in Economic Analysis and Policies, Statistics and Econometrics specialization (1st year and 2nd year)
 - **Main subjects** : Advanced Econometrics, Machine and Deep Learning, Economic policies, growth and employment
 - **Work done** : Thesis, Internship in research laboratory in Environmental Economics
 - **Skills learned** : R and Python coding, Cleaning and processing large databases, building a research project, using Open Source LLMs for text analysis

2022-2023 : Double Degree, Faculty of Economics and Management, University of Strasbourg, Strasbourg (67)

- Magisterium in Economic Engineering (1st year)
- Bachelor in Economics and Management, 3rd year, Economic Analysis Pathway

2020-2022 : Double Degree

- Preparatory classes ENS D2, Jean Perrin, Marseille (13)
- First and Second year of Bachelor's degree in Economics and Management, Aix-Marseille University, Marseille (13)

RESEARCH EXPERIENCES

January-December 2024 :

Led a research project with the INA (Institut National de l'Audiovisuel) focused on automating with a pipeline using Large Language Models (LLM), the collection, processing, and analysis of French newspaper articles, with a focus on media coverage of climate change-related topics. The LLM pipeline was then used in my Master's Thesis on how the media affect the allocation of green funds.

May-August 2024 :

Internship at the BETA Laboratory, Strasbourg, under the supervision of S. Ligonnière. Focused on automating the collection, processing, and spatial analysis of socio-economic, politic and meteorological data at the municipality level in France.

May-August 2023 :

Internship at the BETA Laboratory, supervised by S. Ligonnière and P. Rondé. I analyzed the allocation and the role of European Structural Funds in addressing climate change at municipality-level in France.

SKILLS

Econometric analysis :

- Advanced econometric models (panel models and its variants, non-parametric models, non-linear models,...)
- Advanced econometrics methods (RDD, GRDD, IV...)
- Analyse and evaluate the consequences of economic policies, industrial policies and all types of shocks, wether environmental and/or economic

Data analysis :

- Collecting and gathering large datasets
- Descriptive statistics
- Automation of text and video analysis using LLMs

Computing :

- Mastery of the entire Office Pack
- R and Python language data analysis and econometric modeling
- Using Open Source LLMs/Transformers on local device

Languages :

French : Mother tongue

English : C1 level

Spanish : B2 level

Dutch : A2 level

AREAS OF INTEREST

Artificial Intelligence and Open Research :

I have created a pipeline based on Large Langue Models to FactCheck news articles, TV shows and YouTube videos on climate change, only using Open Source models runnable on local devices. All the code of that Pipeline is Open-Source on my GitHub and is being adapted for the diffusion on the INA GitHub.

Behavioral Economics :

Understanding the influence of climate change and environmental policies on people behavior, especially throughout the media information channel and throughout the experience of climate change-induced shocks.

Environmental Economics :

Evaluating mitigation and adaptation environmental policies to face climate change, especially at the municipality level in France.