

# Lise CATALOGNA

## Applied Mathematics Engineer & Business Engineer

Motivated by creating long-lasting success linking technical and commercial actions, I wish to contribute with proactivity, active listening and empathy, and reach ambitious goals on international projects.



## Professional Experiences

- 2026  
2025 **Export Missions**  
**MEIA Association** | Toulouse, France
- Designed international export strategy for a company product
- 2025 **Internship - Data Gouvernance and Data Quality in Human Resources - 6 months**  
**Airbus** | Toulouse, France 
- Deployed HR data governance strategy
  - Developed Python tests to assess data quality
  - Built a monitoring tool using Workday Prism Analytics and Palantir
- 2024 **Engineering Internship – Data Visualization Consultant - 4 months**  
**CGI** | Toulouse, France 
- Created link between Jira and Power BI via PowerShell script
  - Designed dashboards in Power BI to support project management
- 2023 **Seasonal job as a receptionist in a bank - 1 month**  
**CIC** | Sérignan, France 
- In-branch or telephone contact with clients in French and English
  - Execution of banking transactions
- 2021 **Worker Internship - Carpenter - 1 month**  
**Menuiserie CARAYON** | Béziers, France 

## School Projects

- 2025 **Artificial Intelligence Project – Movie Recommendation Web Application - Python, Flask, Docker**
- Developed recommendation systems, genre prediction, and image recognition using Dockerized environment
- 2024 **Data Analysis – Velib Bike Sharing in Paris - R, Python**
- Performed clustering and usage analysis based on hourly station load data
  - Applied PCA/MCA for dimensionality reduction
- 2024 **Team Project – Fake News Detection Website - Agile, Jira**
- Agile method : managed sprint, and team meetings
  - Implemented detection algorithms

## Education

- Now  
2025 **MSIAI - Master's Degree Industrial Business Engineering for international market**   
National Institute of Applied Sciences – INSA | Toulouse, France
- International business development, finance, prospecting, marketing, strategy, management control, negotiation, sales, project management, procurement, export control
- 2025  
2020 **Master's Degree Applied Mathematics Engineer**  
National Institute of Applied Sciences – INSA | Toulouse, France 
- Probability, Statistics, Data Analysis, Machine Learning, Stochastic Processes, Markov Chains, Optimization
- 2023 **Erasmus – Exchange Semester - 6 months**  
Universidad Autónoma de Madrid – UAM | Madrid, Spain 

-  +33 7 81 21 59 97
-  lise.catalogna@gmail.com
-  31400 Toulouse
-  Driving Licence
-  [lise.catalogna](#)

## Languages

- French: native
- English: fluent
- Spanish: Intermediate

## Commitment

**Les Cordées de la Réussite - 2021/2022 – 1 year**

- 11 high school students tutoring
- Current affairs debates leading
- Cultural activities in English organisation

## Skills

### Technical

- Programming & Tools: Python, R, PowerShell, Unix, Git, Jira
- Data & BI Tools: Power BI, Looker Studio, Palantir, Workday Prism Analytics
- Other: Google Workspace (Docs, Sheets, Apps Script), Docker

### Commercial

- Customer Centric approach
- Commercial negotiations
- Financial and management accounting
- International Markets Researches
- Management