

Lise CATALOGNA

Applied Mathematics Engineer & Business Engineer

Motivated by the desire to create lasting links between technical and commercial fields, I want to use my proactivity, listening skills and empathy to support projects with an international dimension.



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 Ressources - 6 months**
Airbus | Toulouse, France **AIRBUS**
- 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 **CGI**
- 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 **CIC**
- 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 **MSIAI**
Relevant Coursework: International business development, finance, prospecting, marketing, strategy, management control, negotiation, sales, project management, purchasing
- 2025
2020 **Master's Degree Applied Mathematics Engineer**
National Institute of Applied Sciences – INSA | Toulouse, France **INSA TOULOUSE**
Relevant Coursework: Probability, Statistics, Data Analysis, Machine Learning, Stochastic Processes, Markov Chains, Optimization
- 2023 **Erasmus – Exchange Semester - 6 months**
Universidad Autónoma de Madrid – UAM | Madrid, Spain
Relevant Coursework: Statistics, Modelling, Probability

-  +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

- Tutored 11 high school students
- Led debates on current affairs
- Organized cultural activities in English

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