

# COMPANY COOPERATION PROJECT

Master of Artificial intelligence & Data Science (MADS)  
Frankfurt School of Finance & Management

Company Cooperation Projects (COOP's) are performed by teams of MADS students for external organizations as a core module and part of their study programme over a period of 3–4 months.



## OBJECTIVE

This is a practical project conducted with a partner company which allows students to apply the skills they have learned in the semesters 1, 2 and 3. Students will work in groups of +/- 4 students on small, current data science or AI projects of the company. A key aspect is that they work on a project from start to finish, thus gaining end-to-end, hands-on experience to better prepare them to enter the job market.

## PROJECT CONFIGURATION

Projects either have to include:

- Data Management & Engineering and Data Science & AI
- Data Science & AI and Visualisation

### COMPANIES SUBMIT THEIR PROJECT PROPOSALS

Until end of April 2026

### PROJECTS KICK-OFF / COMPANIES PRESENT THEIR PROJECTS TO STUDENTS

approx. 10 minutes

Thursday, 27 August 2026, 4 pm – 5:30 pm

### PROJECT DURATION

Mid September – December 2026

### FINAL PRESENTATION

(20 minutes presentation + 10 minutes Q&A)

Friday, 08 January 2027, 10:00 am – 1:15 pm

## OPTION

# 1

### Data Management & Engineering

- Pipelines & ETL
- Cleaning / preparation
- Labelling / versioning
- Ethics & law

### Data Science & AI

- Develop proof of concept
- ML/DL + LLMS
- Evaluation & explainability
- Build a service / software

## OPTION

# 2

### Visualisation

- Present and interpret results
- Storytelling with data
- Dashboards / UX
- Deployment & monitoring

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## PROJECT APPROVAL

Following an agreement between the MADS Programme Management and the company about a proposed project, the COOP is carefully assigned to respective students.

## PROJECT SUPERVISION

The module coordinator Prof. Dr. Gregory Wheeler and a company representative will assume the role of first and second supervisor throughout the COOP. They will set a schedule in line with the regulations, guide the student team and discuss project matters on a regular basis. A regular status update has to be sent to the module coordinator by the students.

## PROJECT ASSESSMENT(S)

The COOP as a core module of the Master of Artificial Intelligence & Data Science programme is worth 12 ECTS. Assessment will be finalized together with the module coordinator in order to provide accuracy in assessing the project.

## COOP TEAMS & MATCHING PROJECTS WITH STUDENT TEAMS

Students will be assigned into groups of +/- 4 students and then be allocated to a project. Students have the possibility to vote for their desired project.

## NON-DISCLOSURE AGREEMENT

If desired by the company the results of the COOP, including all data, are subject to a non-disclosure agreement. Students must not publish, or use otherwise, their results of the project without the explicit permission of the firm.

## PROJECT PRESENTATION AND FINAL EVALUATIONS

The final project presentation and evaluation will take place shortly after the

end of the COOP. Each team will have their time slot scheduled throughout the day with their company and faculty supervisors.

## WORKING STUDENT POSITION/PAYMENT/REIMBURSEMENT

Companies are expected to cover traveling expenses as well as other "out-of-pocket expenses". For COOP without internships or working student positions, it is highly recommended for the benefit of the success of the COOP that the company invites their student team for a visit to their site.

## LANGUAGE

The language of the written report of the COOP as well as of the required presentations is English. The students have very international backgrounds.

## EXAMPLES OF PAST COOP'S

- Cutting-Edge Forecasting with Global Models with PwC (2025)
- Digitizing Engineering Diagrams for Operational and Maintenance Efficiency with RWE (2025)
- Smart Repair Forecasting with CLAAS Group (2025)
- Predicting forecasts for future incoming payments with Melitta (2025)
- Multi-agent AI crypto trading decisions with Characteristics Matter GmbH (2025)
- Financial Forecasting using ML and explainable AI with ainovi GmbH (2025)
- Knowledge Graph Integration for AI Contextual Awareness with Algorise LTD (2025)
- Identifying Sanction Circumvention using Graph Analytics with Neo4j (2024)
- Machine learning of RNA sequencing data with Robots Go Mental UG (2024)
- Enhancing the Hase & Igel NEUTRUM client finder using computer vision models with Hase & Igel GmbH (2024)
- Airline Review Mining and analytics with Nagarro (2023)
- Early colorectal cancer detection through screening with UNIVERSAL DIAGNOSTICS, S.A. (UDX) (2023)
- Forensical Analysis for Anomaly detection with KPMG (2022)
- Outlier Detection in Utility Consumption Data with Roland Berger GmbH (2022)

**Further companies:** Deutsche Börse, AVS, ING, R+V, Noventi etc.