

DDEFi Project



ECTS credits
5 credits



Semester
Every year

In brief

> **Course language:** French, English

Presentation

Prerequisites

- * Knowledge in programming (Python)
- * Knowledge in statistics (regressions, tests)
- * Knowledge in economics (supply and demand)
- * Knowledge in accounting (balance sheet)
- * Knowledge in finance (financial products and valuation principles)

Learning objectives

- * Acquire an approach methodology to business problems
- * Exploit the tools learned during the track courses in a concrete framework
- * Know how to choose among models or solutions

Description of the programme

By group of 3 to 5, students work on a project proposed by a firm. This project gives them the opportunity to deepen their knowledge and skills in a particular domain on a practical issue. The subject is proposed either by a financial company (bank, insurer), a consulting firm or a start-up.

Each group is guided by an academic and a professional tutor. Meetings are organized regularly for students to present their progress and tutors to clarify the needs of the project.

The project ends up with presentations, in which students have to present the business and issues of the company, the solution they propose and a hindsight perspective on the running of the project.

Generic central skills and knowledge targeted in the discipline

- * Know how to use data to take decisions.
- * Know how to present a model (or a solution), its results and its insights.
- * Be able to understand the business of a company and the related issues.

How knowledge is tested

Project deliverables and defense

Bibliography

n/a

Teaching team

Renaud Boulès (Centrale Marseille), Nicolas Clootens (Centrale Marseille), Hajare El Hadri (Centrale Marseille), Mitra Fouladirad (Centrale Marseille), Florian Magnani (Centrale Marseille), Françoise Perrin (Centrale Marseille), Christophe Pouet (Centrale Marseille)

Sustainable Development Goal



Partnerships for the goals

Total des heures

PJ

100h

100h