



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Economics for Data Science

2425-2-FDS01Q021

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#### Aims

The course is designed to understand the economic foundations of the new digital world.

The digital revolution is rapidly transforming the fundamental nature of many companies in a wide range of industries: students need to understand the economics, technology paradigms and management practices of innovating in digital-centric businesses to ensure corporate and personal success. In order to do so, students should also be able to apply different types of algorithms to both business and economic problems.

#### Contents

Content is reported in the syllabus of each module.

#### Detailed program

Content is reported in the syllabus of each module.

#### Prerequisites

Successful attendance to the Course “Juridical and Social issues in Information Society”.  
Working knowledge of R or Python.

## **Teaching form**

Lectures, elearning platform, take home assignments.

Specific divisions between different teaching methodologies is reported in each single module's syllabus.

## **Textbook and teaching resource**

Content is reported in the syllabus of each module.

## **Semester**

Second semester

## **Assessment method**

The final assement is the average of the assement in the 2 modules

## **Office hours**

Please contact the teacher via email

## **Sustainable Development Goals**

AFFORDABLE AND CLEAN ENERGY | DECENT WORK AND ECONOMIC GROWTH | INDUSTRY,  
INNOVATION AND INFRASTRUCTURE | REDUCED INEQUALITIES | SUSTAINABLE CITIES AND  
COMMUNITIES

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