UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Data Methods and Analysis for Business Decisions

2526-2-E1805M014

Learning objectives

The aim of the course is to provide students with the skills to structure, process, analyse data and communicate information effectively, in the solution of economic, financial and management problems, and in support of decision-making processes.

Contents

The course is divided into three sections highlighting as many areas of competence, integrated with each other according to the course's final objective:
i) Processing and analysing data: delving into the spreadsheet (Excel) from an application point of view to import, structure, analyse and process data, understanding the logic and use of functions in professional problem solving;
(ii) Learning to program: learning the fundamentals and logic of programming, learning to use a programming language (Python), using Python to solve professional problems;
(iii) Business Intelligence and Data Science: introduction to BI and the main Data Visualisation tools.

Detailed program

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Prerequisites

none

Teaching methods

12 hours of frontal classes (in presence)
36 hours of interactive learning (remotely)

Assessment methods

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Textbooks and Reading Materials

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Semester

second semester

Teaching language

Italian

Sustainable Development Goals

QUALITY EDUCATION