UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Laboratory 2 - Data analysis: metodi e strumenti per l'analisi dei dati di imprese ed enti e del mercato del lavoro

2122-3-E1601N081

Learning objectives

The laboratory aims at providing tools for analyzing and interpreting data, with specific attention to the labor market and businesses. The main goal is to give students the skills to find data on the labor market and the firms in existing databases, to analyze and communicate them effectively.

Contents

The laboratory aims at introducing the main indicators to describe the performance of the labor market and the production structures and illustrating the databases which contains data allowing to compute those indicators. Particular attention will be given to reading and interpreting data from a comparative perspective, both among contexts and among time points.

Detailed program

- Short introduction to data analysis

- Labor market: data sources and indicators

- Business demography: indicators and databases.

- Time-series and temporal variations

- Presentation of the findings: Graphical representations and maps of the indicators on labor market and businesses.

- An integrated vision of the labor and business market: summary of the topics presented in the course with reference to specific geographical areas and presentations of teamwork.

Prerequisites

- Enrolment at third year.
- Maths and Statistic exams passed.
- 90 CFU already obtained.
- Labs have to be included in the study plan.

Teaching methods

Every class includes a first part of a lecture and a second part of individual or team work on practical exercises at the laptop.

Assessment methods

Active participation during the classes and final presentation of a teamwork.

Textbooks and Reading Materials

Materials will be provided or indicated during class hours.