UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Statistica Economica

2425-2-E1401A014

Learning objectives

The course is an introduction to statistics, aiming at building
the theoretical competences needed in reading a descriptive
analysis and the practical competences needed in performing one.

Contents

1. Descriptive statistics
2. GNU-R computational environment
3. Linear regression

Detailed program

1. data
   - collection
   - variables
   - ratios
   - distributions
   - indexes
2. descriptions
   - centrality
   - variability
   - independence
   - correlation

- concentration
  - eterogeneity
  - asymmetry
3. models
  - linear regression
4. tools
  - GNU R

Prerequisites

Basic mathematics.

Teaching methods

- 20 two hours classes, frontal and held in presence
- 2 two hours laboratories, interactive and held remotely

Assessment methods

- a written test, consisting in multiple choice questions, problems, and exercises

Textbooks and Reading Materials

Piccolo D., Statistica per le decisioni, terza edizione, Il Mulino, 2020, ISBN 978-88-15-27220-1

Sustainable Development Goals