BREVE DESCRIZIONE DEL CORSO

Quantitative applied and theoretical interpretation of sociological phenomena based on quantitative data. Moreover the student will learn the open source statistical software R to conduct in autonomy the quantitative analyses.

PREREQUISITI

Basic knowledge of statistics and computer science.

OBIETTIVI FORMATIVI

Aim of the course is to introduce the students into quantitative methods to analyze social data by using the open source software R.

METODI DIDATTICI

Theoretical lessons will be combined with the use of the statistical software R in way to learn how to implement a quantitative analysis.

modalità d’esame

The evaluation will be written with a multiple choice test. The prerequisite will be the development of a small report (max 10 pages) using the main arguments of the course. The student have to apply the quantitative analyses (monovariate, bivariate, PCA) to a dataset that can download from the link available at: formazioneonline.unisalento.it

The report have to be send to the instructor 5 days before the exam.

The test will be composed of 10 questions: 1 open question about the results obtained in the

PROGRAMMA ESTESO

1) Teaching objectives

Aim of the course is to introduce the students into quantitative methods to analyze social data. In details the student will learn the following arguments:

- Monovariate Analysis
- Bivariate Analysis
- Statistical Tests
- Principal Component Analysis

All the argument will be treated from theoretical/interpretation point of view. Moreover all the

TESTI DI RIFERIMENTO

All the material is available at: formazioneonline.unisalento.it