



**10 hours; Price: 105 €**

## **1<sup>ST</sup> CLASS – INTRODUCTION TO R. IDENTIFYING YOUR VARIABLES**

- The importance of statistical approaches when studying populations
- Type of variables (discrete, continuous...)
- Independent versus dependent variables
- Installing R and R studio
- Principles of R: basic syntax, installing packages, basic functions

## **2<sup>ND</sup> CLASS – CREATING THE DATABASE**

- Factors, vectors, dataframes, etc.
- Importing, creating, and saving databases
- Modifying and manipulating the data
- Exporting files in R. Introduction to R Markdown

## **3<sup>RD</sup> CLASS – DESCRIPTIVE STATISTICS AND DATA VISUALIZATION IN R**

- Descriptive statistics: Frequency distribution, central tendency and measures of dispersion
- ggplot2 package for data visualization
- Types of data representation
- Practice



**Online Courses 2024**

**STATISTICS IN BIOARCHAEOLOGY USING R**

**10 hours; Price: 105 €**

**4<sup>TH</sup> CLASS – TESTING HYPOTHESIS**

- Observed versus expected results, P-value, effect size...
- Comparing two groups
- Comparing three or more groups
- Practice

**5<sup>TH</sup> CLASS – REGRESSION**

- Correlation: Pearson coefficient, Spearman, Kendall...
- Regression analyses
- Practice
- Final remarks

**DISCOUNT**

**Special discount for 2 courses joined – 20% off!**

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