

Advanced Applications of Computer Science to Cultural Heritage [CM0579]

Instructions & Guidelines for the Project Activity

A.Y. 2020/2021

Goal

The goal of the project is to perform a data analysis by applying tools, methods, and techniques addressed during the course.

Dataset

You are free to use whatever dataset you want. A list of freely available datasets is also available on moodle.

Delivery

You are expected to produce the following documents:

1. **A report** including all the results, clearly commented. *The report must not contain the R code used to generate the results.*
2. **R code & Data.** The code must be adequately commented. *Please make sure to include all external files necessary to run the code.*
3. **Presentation slides** for the oral exam (if any).

All the above files must be uploaded to the dedicated section on the moodle platform **at latest by 12 noon the day before** the oral exam. The date of the oral exam can be agreed with the instructor (subject to availability).

Specifications

1. The topic of the project must be agreed with the instructor before the exam.
2. The entire analysis should be performed in R.
3. The report should include:
 - (a) An introduction, also including a description of the goal of the analysis and of the dataset.
 - (b) Figures/Tables with adequate captions.
 - (c) A detailed description and discussion of the results, including Figures/Tables.
 - (d) Conclusions.
4. The report should not exceed 20.000 characters in length (including spaces, min. 15.000). For groups formed by two students, the report should not exceed 40.000 characters in length (including spaces, min. 30.000).

Questions

Should you have any questions, please contact the instructor.