Mini project 02 (Oral presentation)

Methodology:

- Perform a basic data analysis describing the dataset, summary statistics, data distribution, etc.
    - Describe the data domain. A complete and deep explanation.
    - How the data was recollected, limitations of the study, disadvantages, etc.
    - Describe the distribution of the data
    - A few, but interesting plots
- Preprocessing
    - Compute and describe all the steps needed to transform the data into a suitable dataset for Naïve Bayes.

Naïve Bayes

    - Compute and describe all the steps used in Naïve Bayes
    - NB classification outputs.
    - Frequency table and interpretation.
- Conclusions and limitations.
    - Does the study generalize to other domains
    - Limitations
    - Advantages

Considerations:

- All the previous points are present in the report.
- Remember that the format of this project is an oral presentation (no report is needed).
- Slides must be in English.
- All the code must be printed
- Quality of the report and presentation.
- Reproducibility.
- Clear description of each step. Ex. How the students managed missing values; which dictionary of stop words they used, etc.
- Originality.
- Similar presentations are eliminated (without further questions).
- The interpretation of the results is a key point to evaluate. Students should give clear and deep explanations of each point.
- Each graphic or table should be fully explained
- Tables and graphics must be referenced and have their corresponding caption.
- Aesthetics of the presentation. An adequate size of graphics and tables. Nice merging of graphics, tables and text.
- First slide with the title, second slide with an abstract, third page an index, last slide the bibliography.
- The students must upload their presentation to Rpubs.