TITANIC DATASET PROJECT

Perform a basic data analysis describing the dataset, summary statistics, basic data correlation, visualizations, etc. The dataset for this project is the Titanic survival dataset.

The report consists of two parts:

- Presentation using Rmarkdown.
- A document in Rmarkdown.

The basic report should have:

- Title (name of the project, authors, course name, professor name)
- Abstract
- Content (Index)
- Introduction
    - o Describe the data domain
    - o Problematic
- Exploratory analysis
    - o Describe each of the variables
    - o Basic summary statistics.
    - o Boxplots. Interpretation.
    - o Skew of the data. Interpretation.
    - o Histograms. Interpretation.
    - o Quartiles and interpretation.
    - o Correlation. Interpretation.
    - o Scatterplots. Interpretation.
- Conclusion

Points to evaluate:

- All the previous points are present in the report and oral presentation.
- Quality of the report and presentation.
- Reproducibility.
- Clear description of each step. Ex. How the students managed missing values; which features did the student think are more important for this analysis.
- Originality.
- Language of the presentation.
- Both items must be in English.