

# README – Project Overview

- **Main\_code.ipynb** : This is the main Python notebook where we implemented all the models used in our analysis. It includes data preprocessing, model training, evaluation, and comparisons.
- **Data\_preprocessing.R** : This R script contains an additional exploratory analysis of the dataset. It complements the main Python code with further statistical insights and visualizations.
- **General\_analysis\_R.docx** : This document provides comments and explanations for the R analysis included in the previous file. It serves as a textual companion to better understand the R code output.
- **Presentation.pdf** : A summarized presentation of the project will also be included, highlighting our main results, methodology, and conclusions.