

# Project Plan

## ☒ 1. Preparation tasks (6 hours per team member)

- Project set up, Business understanding, Data understanding, Project plan.

## 2. Modeling (9 hours per team member)

- Tasks:
  - Select and implement machine learning models (e.g., Random Forest, Logistic Regression...).
  - Create plots to give a better understanding of the data.
- Methods/Tools:
  - Python, matplotlib.
- Comments:

The models will predict the GradeClass.

## 3. Model Evaluation (3 hours per team member)

- Tasks:
  - Evaluate models on a test set.
  - Compare results using performance metrics.
- Methods/Tools:
  - Python
- Comments:

This step ensures the model performs well on unseen data.

## 4. Poster(9 hours per team member)

- Tasks:
  - Write the text for poster detailing the methodology, findings, and recommendations.
  - Customize the poster and make it goodlooking.
- Methods/Tools:
  - Canva for the presentation.
- Comments:

Clear communication of results is vital for project success.

## 5. Preparing for the presentation and presenting it (4 hours per team member)

- Tasks:
  - Study the project and be well informed for any questions
  - Give tips for other team members' presentations.
  - Presentation
- Methods/Tools:
  - The final poster
- Comments:
  - Be confident and have a good understanding of the whole project.

## **Total Estimated Hours**

Each team member will contribute 31 hours across all tasks.