Machine Learning in Health - Project Report

In your group project, you have *designed, implemented, and evaluated a machine learning system* addressing a *relevant healthcare problem*.

The final deliverable of this group project is a **written report** (equivalent to 2,000 words), which aims to:

1. Introduce the health problem your group has decided to tackle and its significance (building and expanding from your project proposal document);

2. Describe the methodology your group has followed, including:

   (a) Data processing and digital phenotyping approaches you have followed;

   (b) Machine learning and evaluation strategies you have implemented;

3. Describe and discuss the obtained results, their implications, how they align with the literature and potential future steps.

Your group will write the report using the JAMIA (Brief Communications) paper format: *Abstract, Introduction, Methods, Results, Discussion and Conclusions, References*. Each group will need to include, at the end of the document, a table of contributions made by each group member using the CRedIT – Contributor Roles Taxonomy

Upload a PDF document to Canvas with your report. Clearly identify your group number and student names.

Your report will be assessed against:

- Clarity of expression and cohesion;

- Adequate contextualization of the clinical problem with the literature;

- Adequate use of visual aids (*e.g.*, workflows/plots/figures that help describe aims, methods and/or results);

- Adequate methodological steps (from digital phenotyping to evaluation of chosen machine learning approach);

- Adequate discussion of results, implications and future directions.