Group Project

Problem

Use supervised or unsupervised machine learning models (covered in-class or others) to build a robust predictive or clustering model for a dataset (practical) of your choice.

Primary Objectives

- Understand and implement machine learning methods.
- Evaluate the effectiveness of machine learning models.
- Frame a business problem into a machine learning project.
- Work with a team.
- Communicate your results/findings to others (stake holders).

Dataset
- Small dataset not recommended (e.g. Titanic dataset)
- Choose a dataset from a business domain, e.g. retail, healthcare, sports, etc.
- Send me the link of the dataset before the project proposal for approval.

Methods
- Supervised, unsupervised, or both
- Performance evaluation and model comparison
- Advanced methods encouraged

Important Dates

- September 26, 2023 -> Project Proposal due
- November 28, 2023 -> Project Presentation (in-class) and project due

Project Proposal

- A short description of what your project is about and what you would like to do.
- Description of the dataset (with the link).
- Methods you intend to use.

Groups

- Check group information in the course eLearning page.