Final Project

Submission deadline

July 6th, 10:00 AM

Collaboration

You can make a group of 3 people. Members of the group will get scores based on the percentage of contribution to the project. Each member of the group needs to take part in the technical part of the project. Example, I made the presentation, or I helped in every part is not a good division of work. Please, assign work carefully during the project. Your contribution should not be ambiguous as it can negatively affect the grade.

Code:

Submit your code as a .ipynb file.

Final Presentation

Each group needs to submit a video recording of their presentation. Do not explain the programming details but focus on the data science part of the problem. Each member should explain his/her technical contribution in the project. This presentation will be used to assess the contribution of each member. So, make sure to describe your technical part of the project. If one member is presenting the project, only he/she will be given the grades.

The following is a suggested structure of the video. You can use other structures for the presentation but explain the important points of the project. Each person will explain the

- Problem Statement: Briefly describe the part of the project you are tackling. For example, linear regression is used to predict the car price based on the model of the car.
- Challenges: Briefly describe the challenges in the part of the project.
- Approach: Briefly describe the approach you take to solve the problem.

Project Grading

Each member will be graded based on the percentage of contribution in the project. The group project is, consisting of

Step	Points
Students teaming up	5
Deciding on the data set of interest	5
Posing research questions	10
Applying ML techniques to address those questions	50

Using Art Graphics	10
Video presentation	20