Final Project

Deadline and submission

The project must be submitted electronically by 12:00, August 20, 2023.
In addition, you will need to schedule a meeting and present your work after the submission.
The presentations would be in mid-August via Zoom sessions. A form for setting your timeslot will be available via Moodle.

Before starting to work on your projects, you should send via email your research question and source of data and receive approval.

Workload

The project should be executed in groups of up to 4 students.

Description

1. Define a business research question that can be answered using the tools you have learned during the semester and find a relevant dataset to answer it. The question could be related to your work, studies, your hobby, or anything else you find interesting.
2. Preform the analysis: collect, clean, and arrange the data, compute some basic descriptive statistics to study the data, run machine-learning models or other analysis methods of your choice. Display the results in compelling way.
3. Prepare a presentation of your work. It should include:
   - Motivation
   - The research question
   - Details about the dataset
   - The methods used
   - Results and conclusions

   The presentation should take up to 15 minutes.

   Some general points that you might want to address in your presentation (in addition to specific research question points):
   - Were you able to answer the question? If so, what are the conclusions? If not, why not?
   - What were the problems that you have encountered?
   - Was the dataset sufficient to resolve your research question?
   - Are there alternative explanations that you could not rule out?
   - Directions for future analysis
4. Submit a short report (no more than 10 pages) on your project with addition details.

Evaluation criteria

1. Appropriate and interesting research question
2. Appropriate data to address the question
3. Appropriate models tested
4. Appropriate evaluation methods
5. Quality of the presentation

6. Quality of the report
7. Quality of analysis
8. Quality of the results (is it better than a coin toss?)

Good luck!