

# Project

- To complete the project, you can form groups of 1 or 2 or 3. **You must clearly indicate who worked on which part.** Grades can be individualized. All groups must have different datasets.
- The aim of the project is to take a real dataset and analyze it using techniques and tools discussed in class. You can use tools we have not covered in class, but a significant portion of the projects should be about applying what you have learned.
- The deliverables consist of two parts: 1) the code. It can be in the form of a notebook, .py files, or combination of both. 2) A report-type PDF document, no longer than 6 pages + possibly appendix of figures with captions. The report must be well-prepared. It should describe the data and present a clear and relevant analysis.
- The grade will evaluate 1) the use of various methods taught in class, 2) the quality of the document (readability, clarity of explanations, usage of precise, and appropriate terminology). The code itself won't be graded, but it will be checked to ensure the work was indeed done by the students.
- The project is due by 6th January, and should be submitted on MS Team, either as a file or as a URL linking to a repository like GitHub/GitLab.