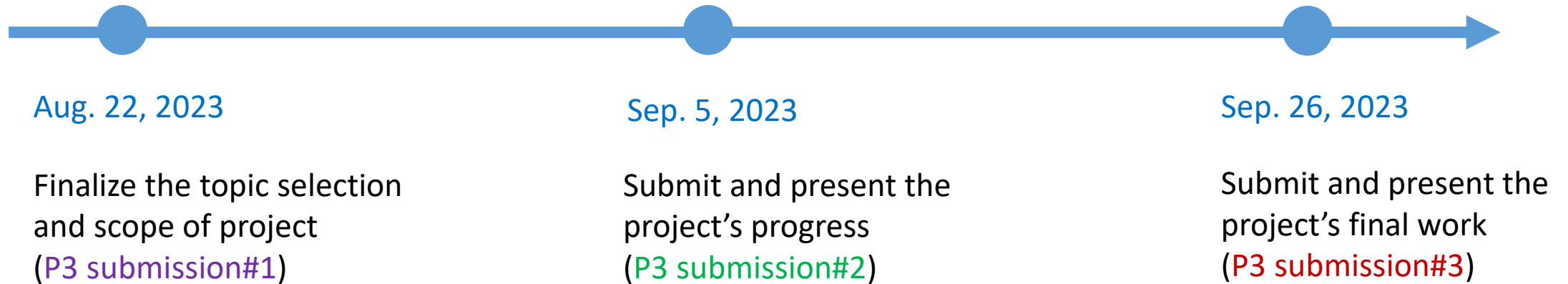# Miniproject 3: A work on a real data mining case

- 2 nominated problems voted by 3 teams each (majority votes)
  - Problem 1: Team no. 1, 3, 5
  - Problem 2: Team no. 2, 4, 6
- The problem can be formulated by using one of the 2 following approaches:
  1. Select the project objective+problem+ from Kaggle.com
  2. Identify the project objective and problem by yourself and collect data by conduct survey (at least 100 respondents)
- The scope of project includes
  - Objective(s)
  - Problem to be solved
  - Dataset
  - The proposed project plan
    - Implementation (specify, if any)
    - Experiment, evaluations of result, discussion on the result/finding
    - Improvement plan (how the project's result could be **technically improved** further.)

Timelines

Aug. 22, 2023

Finalize the topic selection
and scope of project
(P3 submission#1)

Sep. 5, 2023

Submit and present the
project's progress
(P3 submission#2)

Sep. 26, 2023

Submit and present the
project's final work
(P3 submission#3)

Submit all project's documents (P3 submission#1, #2, #3) on each due date in the MS Team's assignments

P3 submission#1 (Aug. 22, 2023)

- Submit the proposed project (topic + scope) in MS Teams before the class will begin.

- (In class) Finalize the topic selection and scope of project.
  - Each group will present their proposed topic and scope of project
  - Each group will vote for the final topic (1 topic for 3 teams)
    - If there is no topic with majority vote, the lecturer will finalize it herself.

P3 submission#2 (Sep. 5, 2023)

- Mark allocation (total 5 marks) for the progress
  - (4.5 marks) progress presentation
    - (2 marks) effort currently put on each task in the project,
    - (2 marks) present the progress
    - (0.5 mark) the plan to improve the result,
  - (0.5 mark) Presentation file (.pdf) submission in MS Teams
  - Remark: any member, who absent and/or do not present the work, will get 0 score for the progress update.

P3 submission#2 (Sep. 26, 2023)

- Mark allocation (total 15 marks) for the complete work
  - (total 14 marks) Complete work and presentation
    - Score1 (4 marks): the completeness of scope of work with its difficulty/challenges,
    - Score2 (4 marks): the complexity of work (show effort put on all complete tasks in the project),
    - score3 (2 marks): to evaluate performance of your work and show your findings
    - score4 (2 marks): ranking score from the results of 3 teams
    - score5 (2 marks): present the complete work and submit the presentation
  - (1 mark) submit a report/presentation of the complete work and source codes (on time only) in MS Teams
  - Remark: any member, who absent and/or do not present the work, will get 0 score for the progress update.