

Project: Step 1

Prepare an initial sketch for a number of potential projects that you would like to work on during the second half of your course.

This assignment is to be done with the same group of colleagues with which you worked for the presentation and the worksheets.

You have the possibility of either working towards (1) a practical re-implementation/extension/alternative of an existing study or (2) the design of a new piece of research in the context of data science for software engineering. In either case, you have to prepare four structured abstracts that delineate your ideas from a high-level perspective (following the structure described below) and four slides that will allow you to present each of these ideas in class (the presentation of each slide should take no more than one minute) and discuss them with your colleagues.

Submit your abstracts and slides right before the start of the class (Thu, Oct 29 at 10:15) on OLAT as two separate PDF files.

Structure of the abstract

Background: Describe the context of your study/approach, mentioning very briefly previous studies/solutions. This should not take more than two sentences.

Aim: Explain in one sentence the overarching purpose of your study/approach.

Method: Use no more than three sentences to describe the type of method that you employ to conduct the study and its main characteristics (e.g., origin and number of systems, type of participants and their experience). Also mention the empirical measurements you plan to do for your study.

Conclusion: Summarize in maximum two sentences the implications that conducting your study can have for research as well as practice in software engineering.

Structure of the slides

The format of the slides is free (except that you can have at most one slide per idea).