

Assignments in Data Mining

November 2, 2009

Each Data Mining assignment is examined using both an *implementation*, a *form* to be filled in, and an *oral exam*. You must be passed on all assignments in order to pass the course. The assignments cover a large part of the course material. Therefore, you will improve your chances in passing the final exam if you participate actively in the assignments.

1. Preliminaries

- The assignments should be performed in groups of 2 – 4 persons. Groups of one person are not allowed.
- Discussions between groups are recommended, but collaborating on the actual solutions is considered cheating and will be reported. If you are in doubt where the line is drawn, please ask the instructors in order to avoid any unfortunate misunderstandings.
- All assignments must be implemented in AmosII.
- Please read the instructions carefully. We employ automatic validation, so it is important that the output of your implementation is of the required format.

2. Getting started

- There is one (non-mandatory) tutorial for each assignment.
- There is also a (non-mandatory) lab for each assignment, when an instructor is present. You are most welcome to ask questions during the labs and tutorials.
- AmosII is available on the lab course home page. We strongly recommend you to run AmosII inside an Emacs/Xemacs shell. Instructions are provided on the lab course home page.
- We strongly recommend you to start the assignment work *before* the lab. Then, you give yourself a better chance to prepare questions if anything is unclear.

3. Examination

- Examination lists will be posted on the board outside 1321, where each group should sign up no later than 24 hours before the examination.
- You must send your solution by e-mail to the instructor no later than 24 hours before the examination.
- Each person should bring a printout of the form with all the questions answered. There is one form per assignment.
- The examination starts with a verification of your solution. It is very important that you follow the assignment instructions exactly so that your output is of the right format. If we have to spend a lot of time on technical problems because your solution does not comply, we will not have enough time to talk about the theory. Consequently, no group member will get the *pass* grade.
- When the correctness of the solution has been established, we will discuss your solution and ask theoretical questions to make sure that everyone has understood all parts of the assignment. You should not only have a working implementation – you must also show that you understand all important aspects of the assignment.
- If you do not pass the assignment, you will be given one more chance to do the examination at a later time during the semester. Students who do not pass the second examination will have to wait until the next time the course is given (fall 2010).

4. Questions

Please direct any questions to us during the labs or the tutorials.