

CIS501 Course Project (Final), Fall 2013

Reports Due: 5th December 2013

Introduction

As explained in the earlier (midterm) project document, the project component of CIS501 is divided into the midterm and final projects respectively. For the midterm project, the main aims were to: conduct a detailed literature review on customer relationship data mining and related topics, and to identify a suitable research direction which would be pursued during the second half of the project.

Main tasks

Having completed the midterm component of the project, the “only” thing that is left is to conduct the course of research described in your midterm report! Some notes:

1. As far as possible, you should seek to adhere to and complete the objectives laid out in your original proposal. Also, the expectation is that projects will be carried out based on the same groups as for the midterm.
2. At the same time, project objectives are not “set in stone”. For various reasons you may discover that part of your original research are not achievable. It is OK to change your original objectives but these changes need to be justified:
 - a. If objectives are changed early on in the process, you will need to explain why the original objectives are infeasible given the available time and resources.
 - b. If the original objectives were adhered to but the results are poor, please try to determine the reasons for this and to explain these in your report. You should remember that *this may be just as important or useful as achieving a positive outcome to the project*.
3. In the final report, you need to at least list the original objectives, then at the end of the report you can comment on which (and to what extent) each of these have been met or addressed.

Evaluation

There will be two methods of evaluation, a project presentation and a final report. Depending on timing (and on our progress through the course), the presentations will be scheduled shortly before the final examination and hence will be before submission of the final reports. As such these presentations may describe a “beta” version of your final project but there should be enough information to at least get a reasonable picture of what you have attempted and achieved - this will also help to ensure that at least a significant chunk of work is done well in advance and not two days before the final report deadline!

The amount of time allocated to each presentation, plus details about the actual format of the presentation if any will be decided closer to the event itself but one important component will be a demonstration, where your system should be shown to work on at least one test case.

In addition to the presentation, each group will submit a single report which describes the project in detail. Exact contents may vary but the report should at least contain key elements such as (the original) project objectives, contributions and novelty of the method employed, details regarding computational and technical aspects, results and discussions as well as a bibliography listing all the papers which were referred to (these do not need to be the exact section headings, but these elements need to be in the report).

Finally, the report should also include a section which briefly describes the specific role played by each member of the group. Marks will be awarded for technical quality, presentation and creativity/initiative.

For your report, please use the IEEE templates provided here:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Your report should be about 6 pages long but this is only a rough guide, since very information dense reports might conceivably be shorter, and of course it is possible to write reports that are far longer than this.

Submission procedure

Please submit your report *via e-mail* to both me and the TA, Bikash Joshi, by the end of day on the 5th of December. Submissions should be as attached PDF files. You do not need to submit any code or data with your report but please keep full backups of all relevant files and be prepared to answer e-mail queries from me or the TA about your work.

In a similar way to the laboratory assignments, please format the subject-line of your e-mail as follows:

[CIS501] Fall 2013, Final project report. Name: <Your name>