

CS 750 Data Mining (Spring 2011)  
Project Proposal Guidelines  
Due Date: 03/21/2011 by email & in-class

I urge you to develop your project ideas by talking with your advisor & me. If you do not know what to do I can suggest some projects related to temporal data mining, motif mining, approximate nearest neighbors, association rule mining with applications in recommender systems, medical informatics, bioinformatics and social media analysis.

Please follow these guidelines for a good project proposal.

#### Project Guidelines

1. Provide a brief introduction with a background (if needed) of the project you intend to do. Motivate the problem, and convince me why its important to address this problem.
2. Provide clearly the objectives of your project. What will be the outcome of the project. Please explain to me how the objectives if addressed will solve the problem.
3. Methods: Please explain what will your methodology be. What kind of tools will you use/develop ? Where will your data be downloaded, derived or even generated from?
4. Literature Search: Also perform a search to see if there exists any other competitive methods that were solving the same problem. How will you compare your work to the same ?
5. Milestone/Timeline; Please provide some milestones, as to when you would expect to finish the various tasks of the project.

#### Document Guidelines

1. Maximum Page Limit is 2 pages (single spaced, at most 10 point, Times New Roman Font).
2. Please state the title of the project identifying the team members.
3. Maximum Team Size Two, but identify what every individual will be doing in the proposal.