

CSCI 4502/5502 - Data Mining

Course Project Proposal Checklist

- **Project Title**

- Pick a concise and informative title

- **Team Members**

- List each member's name, email address, and class section

- **Proposal Details**

- Follow the ACM SIG proceedings format
(<https://www.acm.org/publications/proceedings-template>)
- Include the Honor Code Pledge
(<https://www.colorado.edu/orientation/what-cu-honor-code>)
- Introduction
 - What problem do you want to address?
 - Why is it important/interesting?
 - What are the challenges?
 - Possible contributions/new insights
- Related work
 - What has been done before? E.g., similar problems/tasks, methods (features, algorithms, systems) used
 - How is your approach different from prior work?
- Proposed work
 - Dataset: What does it contain? How big is it? Provide source link if accessible now. Otherwise, how do you plan to get it?
 - What are the subtasks?
 - Is the work sufficient for your group size (grad/ugrad students)? Is the work feasible?
- Evaluations
 - How to evaluate your work?
 - What evaluation metrics? (e.g., accuracy, error, latency)
 - Baseline methods to compare with?
- Milestones
 - When do you plan to finish which subtasks?