

# CSC 412 Machine Learning and Knowledge Discovery

## Review I

### 1. Prepare for Exam I

Here is a checklist to help you prepare for the first exam:

- ☐ The first exam will be on Wednesday, March 12 (30 points).
- ☐ This exam will cover Chapters 1, 4 (except Regularized Linear Models), and 10.
- ☐ You can bring a one-page letter-size cheat sheet.
- ☐ Go over the notes and photos of the whiteboard posted on the homepage.
- ☐ There will be some short conceptual questions like the textbook exercises after each chapter.
- ☐ There will be questions about explaining figures.
- ☐ There will be a big question about Linear Regression and Logistic Cost Function like Exercise I.
- ☐ There will be a big question about giving a Neural Network and asking questions about it, like Exercise II.
- ☐ You cannot bring other cheat sheets, books, laptops, phones, etc. Your phone will be placed together elsewhere during the exam.
- ☐ Good luck!