

Computer Science 384
St. George Campus

Wednesday, March 14, 2018
University of Toronto

Homework Assignment #4: Bayes Nets
Due: Wednesday, April 4, 2018 by 11:59 PM
version updated: March 14, 12:00 am

Silent Policy: A silent policy will take effect 24 hours before this assignment is due, i.e. no question about this assignment will be answered, whether it is asked on the discussion board, via email or in person.

Late Policy: 10% per day after the use of 3 grace days.

Total Marks: This assignment represents 5% of the course grade.

Handing in this Assignment

What to hand in on paper: Nothing.

What to hand in electronically: You must submit your assignment electronically through Google Forms. The assignment will consist of 5 modules, each worth 20 points. The URLs to the 5 modules you will have to complete can be found here: https://docs.google.com/spreadsheets/d/1YoDjtC0K6QvIUcNPTYBXWJ_VaHvEHfICP0Fc4RSB8RU/edit?usp=sharing. You will use your student ID to log in. Different versions are assigned to each student, so make sure you only complete the modules assigned to you.

If you have problems accessing any of the modules, please e-mail the A4 TA immediately.

Module	Topic
1	Probability review
2	Introduction to Bayes Nets
3	Independence and dependence
4	More Bayes Nets
5	Variable elimination

Each module will consist of a mix of multiple choice, true/false, and calculation questions. The calculation questions provide immediate feedback. As soon as you start typing in the form, you will know if you got the correct answer. If your answers are incorrect for calculation questions, you will not be able to submit the quiz. You can, however, choose to leave the field blank and the submission will work. For multiple choice and true/false questions, feedback on the questions is only given after submission. Once you submit, click on the "View accuracy" link. You will be able to see which questions you answered correctly/incorrectly.

Each module is worth 20 points. You may submit as many times as you want. The score of your final submission will be used to determine your final grade. For each module, you are given 5 attempts without penalty. Afterwards, each additional attempt will result in a penalty of 1 point. (For example, on your 7th attempt of Module 4, you obtain a score of 18 points. Your final score will then be $18 - (2 \times 1) = 16$ points for Module 4.)

A test module is available for you to familiarize yourself with the quiz platform: <https://goo.gl/forms/bA4pQ0JFn6MyoK7w2>

Your scores for each modules, including number of attempts can be found here: https://docs.google.com/spreadsheets/d/1sweeKBzVhAVrYJUqzG62IfGX_glwJHU2KuCrP7_2Pug/edit?usp=sharing. If you notice any errors, please notify the A4 TA right away.

Clarification Page: Important corrections (hopefully few or none) and clarifications to the assignment will be posted on the Assignment 4 Clarification page: http://www.cdf.toronto.edu/~csc384h/winter/Assignments/A4/a4_faq.html.

You are responsible for monitoring the A4 Clarification page.

Help Sessions: There will be help sessions for this assignment. Dates and times for these sessions will be posted to the course website and to Piazza.

Questions: Questions about the assignment should be posted on Piazza: <https://piazza.com/utoronto.ca/winter2018/csc384>.

If you have a question of a personal nature, please email the A4 TA, Chloé Pou-Prom, at [chloe at cs dot toronto dot edu](mailto:chloe@cs.toronto.edu) or the instructor at [csc384prof at cs dot toronto dot edu](mailto:csc384prof@cs.toronto.edu) placing 384 and A4 in the subject line of your message.

GOOD LUCK!