CMPT 727: Statistical Machine Learning
Spring 2021
Instructor: Maxwell Libbrecht
https://coursys.sfu.ca/2021sp-cmpt-727-g1/pages/

Why machine learning?

Why statistical machine learning?

About CMPT 727

Web page

https://coursys.sfu.ca/2021sp-cmpt-727-g1/pages/

Textbook

1) Kevin Murphy, "Probabilistic Machine Learning: An Introduction", 2021. Used for the first half of the course.
2) Kevin Murphy, "Machine Learning: A Probabilistic Perspective", 2012. Use for probabilistic graphical models.

Assignments

- Written problem sets, one per week.
- Assignments will have a group component.
- 2 coding assignments, each replacing 1-2 written assignments.

Lectures

- Content lectures will be recorded and posted, to be viewed asynchronously.
- We will have one synchronous interactive session per week, Thursdays 10:30am-Noon Vancouver time.

Groups

- The class will be divided into groups of 4-5 people each.
- Assignments will be submitted in two parts: (1) individual submission; (2) group submission.
- You may request one person to be in the same group as you.

LaTeX

Prerequisites

Assignment 1: Qualifying assignment

Due one week from today, Jan 18.

Enrollment, waitlist, auditing

Survey for group assignment

https://www.surveymonkey.ca/r/WFHZPPN

Canvas discussion

https://canvas.sfu.ca/courses/59536