Statistical Sciences
UNIVERSITY OF TORONTO

FACULTY OF ARTS & SCIENCE
Teaching Assistant – CUPE 3902, Unit 1
September 1, 2022 - December 31, 2022

STA314H1F- L0201, Statistical Methods for Machine Learning I
Statistical methods for supervised and unsupervised learning from data: training error, test error and cross-validation; classification, regression, and logistic regression; principal components analysis; stochastic gradient descent; decision trees and random forests; k-means clustering and nearest neighbour methods. Computational tutorials will support the efficient application of these methods.

Qualifications
Academic background in Statistical Sciences. PhD student (or graduate) in actuarial science, statistics or biostatistics.

Duties
Your duties will include any or all of the following: grading term tests, invigilating term tests and final exams, grading homework and/or quizzes, setting tutorial quizzes.

Instructor:	Mike Bing
Estimated Course Enrolment:	180
Tutorial Schedule:	https://timetable.iit.artsci.utoronto.ca/
Approximate Number of TA Hours:	90 hrs (per position)
Approximate Number of Positions:	1
Rate of Pay:	UG/SGS I/II - $47.17/hour (+4% vacation pay)

Final availability of the position(s) is contingent upon enrolment, budgetary consideration and the determination of appointments as governed by the collective agreement.

Application Process
Application information is available at https://www.statistics.utoronto.ca/employment-opportunities/cupe-positions-unit-1. The deadline to submit your application is **July 21, 2022**. For more information, you may contact:

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If during the application and/or selection process you require accommodation due to a disability, please contact jobapps.statistics@utoronto.ca