Machine Learning and Data Mining
Lecture Notes

CSC C11/D11

Department of Computer and Mathematical Sciences
University of Toronto Scarborough

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Conventions and Notation

Scalars are written with lower-case italics, e.g., x. Column-vectors are written in bold, lower-case: $\mathbf{x}$, and matrices are written in bold uppercase: $\mathbf{B}$.

The set of real numbers is represented by $\mathbb{R}$; N-dimensional Euclidean space is written $\mathbb{R}^N$.

> *Aside:*
> Text in "aside" boxes provide extra background or information that you are not required to know for this course.

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