## Mathematics for Machine Learning

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October 21, 2024

## 1. Introduction

We discuss motivations for studying the mathematics behind machine learning, give an outline of the content of the course, and mention the references which were used in putting it together.

## 1.1 EXERCISES

## 1.1.1 Exercises (Basic)

PROBLEM 1.1. This is the problem statement.

SOLUTION 1.1. This is the solution.

PROBLEM 1.2. This is the second problem statement.

SOLUTION 1.2. This is a new change!

NOTATION. This is an environment.

This is a citation [1].