

# Mathematics for Machine Learning

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# 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].

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