Introduction to Machine Learning

1. Introduction

- 1.1 Well-Posed Learning Problems
- 1.2 Designing a Learning System: Perspectives and Issues in Machine Learning
- 1.3 Types of Machine Learning

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- 2.2 Concept Learning as Search through a Hypothesis Space
- 2.3 Finding Maximally Specific Hypotheses
- 2.4 Version Spaces and the Candidate Elimination Algorithm
- 2.5 Inductive Bias

3. Decision Tree Learning

- 3.1 Decision Tree Learning
- 3.2 Appropriate Problems for Decision Tree Learning
- 3.3 Hypothesis Space Search in Decision Tree Learning
- 3.4 Inductive Bias in Decision Tree Learning: Occam's Razor
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- 6.3 Bayes Optimal Classifier
- 6.4 Gibbs Algorithm
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