

Philosophies, Principles and Concepts of AI and Machine Learning

Faris Chaudhry

March 29, 2021

Abstract

Contents

1	Introduction to AI	1
2	Types of Machine Learning	2
3	Fundamental Math	3
4	Game Theory	4
5	Optimization Algorithms	5
6	Ethical, Moral and Legal Considerations	6
	Appendix A Number Recognition	7
	Appendix B Chess Bot	8

Listings

Chapter 1

Introduction to AI

Chapter 2

Types of Machine Learning

Chapter 3

Fundamental Math

Chapter 4

Game Theory

Chapter 5

Optimization Algorithms

Chapter 6

Ethical, Moral and Legal Considerations

Appendix A

Number Recognition

Appendix B

Chess Bot