XAI: Artificial Intelligence

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Saturday 28th January, 2017

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Contents

Contents **i**

1 Introduction **1**

2 Idea **3**
2.1 structure 3
2.2 Basicbase 3

3 Python **5**
3.1 Modify Module file 5

A Dummy Appendix **7**

Chapter 1

Introduction

When I start my PhD at ETHZ, artificial intelligence become more and more popular. Then I want to build my own AI program. I want to share my idea with other people, and hope the readers can give their useful comment.

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Chapter 2

Idea

This chapter will provide the idea of XAI.

2.1 structure

We will start with the .

2.2 Basicbase

Basicbase need write by author. Other word are build by the definitions of the word.

Chapter 3

Python

This chapter will introduce the Python techniques used in XAI.

3.1 Modify Module file

When AI learn new things, it need to modify the module file. For example, ”yellow skin” means the skin has a property called ”yellow”. We will add self.properties.append(”yellow”) in the Skin class file. That means the module file _skin.py has to change while new knowledge is added. The module file can be changed in different way:

1. add new data
2. modify old function
3. add new function

The most important future of a class definition is that the content of a class is the collection of functions, and the order of the function does not matter, because self are used.

Appendix A

Dummy Appendix

You can defer lengthy calculations that would otherwise only interrupt the flow of your thesis to an appendix.