Pro training AI Advanced

Administration guide

Staff 42 pedago@42.fr

Summary:
Guide for the administrators of the Pro training AI Advanced.

Version: 1

Contents

Chapter I

Overview

Module overview:

- **Module_00**: Neural network model without library

- **Module_01**: TO DO

- **Module_02**: TO DO

Chapter II

Typical day

Hours	Activities
8h30 - 10h00	Active peer-learning on projects
10h00 - 10h30	Peer-discussion without coding to exchange ideas
10h30 - 12h00	Active peer-learning on projects
12h00 - 13h00	Lunch break
13h00 - 15h00	Active peer-learning on projects
15h00 - 16h00	Peer-evaluations
16h00 - 18h00	Active peer-learning on projects

> ⚠️ Ideally, campus students should not be in contact with people in professional training.

Chapter III

First day

Hours	Activities
8h30 - 9h00	Presentation of the AI professional training through peer-Learning
9h00 - 10h00	Active peer-learning on projects
10h00 - 10h30	Peer-discussion without coding to exchange ideas
10h30 - 12h00	Active peer-learning on projects
12h00 - 13h00	Lunch break
13h00 - 15h00	Active peer-learning on projects
15h00 - 16h00	Peer-evaluations
16h00 - 18h00	Active peer-learning on projects

The Discovery session should begin with a group presentation including an explanation of how the Professional Training works.

Introducing the staff members to the people in professional training is optional but highly recommended.

Explaining the curriculum of the professional training modules is expected.

During the first days, do not hesitate to help the people in professional training who struggle with the exercises.

The daily moment of exchange allows the people in professional training to seek for help, between them in priority. A supervisor will be there to facilitate the exchange.

Chapter IV

Module__00

	Exercise 00

Binary Classification with Logistic Regression
Turn-in directory : $ex00/$
Files to turn in : `Medium00.ipynb`
Allowed functions : `All`

Solution in resources: Medium00.ipynb

Chapter V

Module__01

	Exercise 01
Multinomial Logistic Regression	
Turn-in directory : $ex01/$	
Files to turn in : `Medium01.ipynb`	
Allowed functions : `All`	

Solution in resources: Medium01.ipynb

Chapter VI

Module__02

	Exercise 02
	Classification with other model
Turn-in directory : *ex*02/	
Files to turn in : `Medium02.ipynb`	
Allowed functions : `All`	

Solution in resources: Medium02.ipynb