



# Pro training AI Beginner

## Administration guide

Staff 42 [pedago@42.fr](mailto:pedago@42.fr)

*Summary:*

*Guide for the administrators of the Pro training AI Beginner.*

*Version: 1*

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# Chapter I

## Overview

Module overview:

- **Module\_\_00:** Simple linear regression with library.
- **Module\_\_01:** Simple linear regression with Math.
- **Module\_\_02:** Multi-variable linear regression with library.

# 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
Simple linear regression with library	
Turn-in directory : <i>ex00/</i>	
Files to turn in : <b>Beginner00.ipynb</b>	
Allowed functions : <b>A11</b>	

Solution in resources: Beginner00.ipynb

# Chapter V


## Module\_01

	Exercise 01
Simple linear regression with Math	
Turn-in directory : <i>ex01/</i>	
Files to turn in : <b>Beginner01.ipynb</b>	
Allowed functions : <b>numpy</b> or <b>equivalent</b> in R	

Solution in resources: Beginner01.ipynb

# Chapter VI

## Module\_02

	Exercise 02
Multi-variable linear regression with library	
Turn-in directory : <i>ex02/</i>	
Files to turn in : <b>Beginner02.ipynb</b>	
Allowed functions : <b>A11</b>	

Solution in resources: Beginner02.ipynb