Minor Data Driven Decision Making in Business (MDD)

MDDF - Introduction to Modelling

Part of Minor Data Driven Decision Making in Business

1. ***General information***	
Name of study unit	*Foundation*
Code for study unit	DATDRD05 / DATDRD06
Degree programme and target group	*Third year HAN and/or external students.*
Teaching period	P1/P3
ECTS credits and Study load	**Study load: 2.5 ECTS**

	Number of hours on the clock:
Scheduled time (3 hrs. per week)	15.75
Time for self-study	54.25
Total study load (hours)	70

Entry requirements for study unit	

2. ***Content and organisation***	
Professional task	Building statistical models.
Exit qualifications / Programme Learning Outcomes (PLO)	WT1: Thoughtful evaluation to formulate reasonable conclusions WW7 Produce management information from various data sources in an international business environment.
General description	Introduction to regression analysis and some extensions. Focus is on understanding how they work and how they can be applied in Python or other relevant software.
Cohesion	This module provides relevant knowledge and skills in Data Science. The knowledge and skills are necessary for the execution of the project in this minor.
Mandatory participation	N/A
Maximum number of participants	*30*
Compensation options	*N/A*
Activities and/or instructional formats	Lectures, workshops, self-study, assignments
Required literature / description of learning material	All material will be open source or made available on #Onderwijs Online
Required software / required materials	Python, MS Excel, or other relevant software.
Extra contributions (TER 2.7)	N/A

3. ***Examination***

Name of study unit	*Introduction to Modelling*
Code for study unit	DATDRD05 / DATDRD06 [TOETS-07]
Assessment criteria	• The student can independently build a regression model with the aim of testing hypotheses. • The student is able to report the results of a regression built. • The student is able to interpret the results of a regression model built correctly. • The student is able to explain the implications of the results originating from a regression model that he has built.
Exam and modular exam format(s) (type of exam)	Report.
Individual / group	Individual
Number of examiners	*1*
Exam period	P1/P3
Resit period	P1/P3
Duration exam	*NA*
Permitted resources / aids	*NA*
Minimum result	5.5
Weight factor of modular exam	100%
Method of enrolment for exam / enrolment period	Participation is equal to enrolment.
Discussion and review	Yes. Contact the responsible lecturers once the grades are communicated.

Lecture/ contact hours										
	Period 1/3 or 2 /4									
Lecture week	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
		3	3	3	3	3	3	3		

Changes compared to last year	several changes in most parts of the Study Unit.
Date from which the SU will no longer be offered	None