

COURSE STRUCTURE: ADVANCED DATA ANALYSIS. COURSE 2019/2020		
MÁSTER: Master's Degree in IoT	COURSE: 1	TERM: 2

COURSE SCHEDULE						
WEEK	SESSION	DESCRIPTION OF THE SESSION CONTENT	Different Classroom space	STUDENT WORK DURING THE WEEK		
				DESCRIPTION	PRESENTIAL HOURS	WEEKLY WORK HOURS
1	1 (27 Jan)	Presentation Subject. Introduction theoretical contents (Theory)	Theoretical classroom	Study concepts taught	1,5	3,5
2	2 (3 Feb)	Data Mining and Machine Learning	Theoretical classroom	Study concepts taught	1,5	3,5
3	3 (10 Feb)	Practice 1 (Data Analysis Software)	Computer Classroom	Study concepts taught and development of practices	1,5	3,5
4	4 (17 Feb)	Methodologies	Theoretical classroom	Study concepts taught	1,5	3,5
5	5 (24 Feb)	Data exploration	Theoretical classroom	Study concepts taught	1,5	3,5

6	6 (2 Mar)	Classification and Regression	Theoretical classroom	Study concepts taught	1,5	3,5
7	7 (9 Mar)	Practice 2 (Classification and / or Regression)	Computer Classroom	Study concepts taught and development of practice	1,5	3,5
8	8 (16 Mar)	Continuous evaluation test (CET)	Theoretical classroom	Realización de la PEC	1,5	3,5
9	9 (23 Mar)	Clustering & Association	Theoretical classroom	Study concepts taught	1,5	3,5
10	10 (30 Mar)	Practice 3 (Clustering and / or Association)	Computer Classroom	Study concepts taught and development of practices.	1,5	3,5
	(6 Apr)					
11	(13 Apr)					
12	11 (20 Apr)	Practice 4 (Time series)	Computer Classroom	Study concepts taught and development of practices.	1,5	3,5
13	12 (27 Apr)	Incremental Learning	Theoretical classroom	Study concepts taught	1,5	3,5
14	13 (4 May)	Text Analytics & Graph Analysis	Theoretical classroom	Study concepts taught	1,5	3,5
15	14 (11-15 May)	Continuous evaluation test 2 (CET 02)	Computer Classroom	Development of final practice	1,5	3,5
		Exam	Theoretical classroom	Exam Preparation	1,5	3,5
					22,5	52,5
TOTAL					75	