SUBJECT: Statistics for data analysis			
MASTER DEGREE:	Big Data analytics	ECTS: 3	QUARTER: 1

TIMETABLE FOR THE SUBJECT

WEEK	SESSION	DESCRIPTION OF EACH SESSION	GROUP (X mark)		Indicate if a different lecture room is needed (computer, audiovisual, etc.)	HOMEWORK PER WEEK		
			1	2		DESCRIPTION	ATTENDING HOURS	HOMEWORK Max. 7H/WEEK
1	1	Course presentation. Chapter 1: Descriptive statistics Introduction to Statistics. Description of one variable.	X			Working on the class material.	1,5	7
1	2	Chapter 1: Descriptive statistics Theoretical and computational exercises.		X		Working on the class material. Computational exercises.	1,5	
2	3	Chapter 1: Descriptive statistics Relation between two variables.	X			Working on the class material. Computational exercises.	1,5	7
2	4	Chapter 1: Descriptive statistics Theoretical and computational exercises.		X		Working on the class material. Computational exercises.	1,5	
3	5	Chapter 2. Probability theory Introduction to Probability. Random variables.	X			Working on the class material. Computational exercises.	1,5	7
3	6	Chapter 2. Probability theory Theoretical and computational exercises.		x		Working on the class material. Computational exercises.	1,5	
4	7	Chapter 2. Probability theory Discrete and continuous random variables.	X			Working on the class material. Computational exercises.	1,5	7
4	8	Chapter 2. Probability theory Theoretical and computational exercises.		X		Working on the class material. Computational exercises.	1,5	

5	9	Chapter 3. Statistical inference Estimation methods. Inference under normality assumptions.	X			Working on the class material. Computational exercises.	1,5	7
5	10	Chapter 3. Statistical inference Theoretical and computational exercises.		X		Intermediate test Working on the class material. Computational exercises.	1,5	
6	11	Chapter 3. Statistical inference Inference for large samples	X			Working on the class material. Computational exercises.	1,5	7
6	12	Chapter 3. Statistical inference Theoretical and computational exercises.		X		Working on the class material. Computational exercises.	1,5	
7	13	Chapter 3. Statistical inference Chi-square tests. Correlation and dependence.	X			Working on the class material. Computational exercises.	1,5	7
7	14	Chapter 3. Statistical inference Theoretical and computational exercises.		X		Working on the class material. Computational exercises.	1,5	
SUBTOTAL								
15		Tutorial classes and projects deadlines.				Individual and group tutorial classes.	3	
16-18		Presentation of the project in groups				Presentation of the project in groups	3	
TOTAL								