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

TIMETABLE FOR THE SUBJECT								
-			GROUP (X mark)		Indicate if a different	HOMEWORK PER WEEK		
WEEK	SESSION	DESCRIPTION OF EACH SESSION	1	2	room is needed (computer, audiovisual, etc.)	DESCRIPTION	ATTEND ING HOURS	HOMEW ORK Max. 7H/WEE K
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	-
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	_
3	6	Chapter 2. Probability theory Theoretical and computational exercises.		x		Working on the class material. Computational exercises.	1,5	7
4	7	Chapter 2. Probability theory Discrete and continuous random variables.	x			Working on the class material. Computational exercises.	1,5	_
4	8	Chapter 2. Probability theory Theoretical and computational exercises.		x		Working on the class material. Computational exercises.	1,5	7

5	9	Chapter 3. Statistical inference Estimation methods. Inference under normality assumptions.	x		Working on the class material. Computational exercises.	1,5	
5	10	Chapter 3. Statistical inference Theoretical and computational exercises.		x	Asimilar y entender la clase Computational exercises.	1,5	- 7
6	11	Chapter 3. Statistical inference Inference for large samples	x		Working on the class material. Computational exercises.	1,5	_
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	14	Chapter 3. Statistical inference Theoretical and computational exercises.		x	Working on the class material. Computational exercises.	1,5	
SUBTO	TAL						
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							