uc3m | Universidad Carlos III de Madrid
Vicerrectorado de Estudios
Apoyo a la docencia y gestión del grado

COURSE: Statistical Learning		
DEGREE: Business and Technology	YEAR: 3º and 4º	TERM: 1º

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESION (computer classroom, audio-visual classroom…)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. Estim. 6,5h)
1	1	Introduction to the analysis of multivariate data with R	X			Theoretical class	1,5	6,5
	2	Introduction to the analysis of multivariate data with R		X	Computer	Practical class	1,5	
2	3	Data visualization: Principal Component Analysis	X			Theoretical class	1,5	6,5
	4	Data visualization: Principal Component Analysis		X	Computer	Practical class	1,5	
3	5	Data visualization: Principal Component Analysis	X			Theoretical class	1,5	6,5
	6	Data visualization: Principal Component Analysis		X	Computer	Practical class	1,5	
4	7	Data visualization: Multidimensional scaling	X			Theoretical class	1,5	6,5
	8	Data visualization: Multidimensional scaling		X	Computer	Practical class	1,5	
5	9	Classification: linear discriminant analysis	X			Theoretical class	1,5	6,5
	10	Classification: linear discriminant analysis		X	Computer	Practical class	1,5	
6	11	Classification: linear discriminant analysis	X			Theoretical class	1,5	6,5
	12	Classification: linear discriminant analysis		X	Computer	Practical class	1,5	
7	13	Classification: logistic regression	X			Theoretical class	1,5	6,5
	14	Classification: logistic regression		X	Computer	Practical class	1,5	
8	15	Classification: Naive Bayes classifier	X			Theoretical class	1,5	6,5
	16	Classification: Naive Bayes classifier		X	Computer	Practical class	1,5	

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			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. Estim. 6,5h)
9	17	Data segmentation	X			Theoretical class	1,5	6,5
	18	Data segmentation		X	Computer	Practical class	1,5	
10	19	Data segmentation	X			Theoretical class	1,5	6,5
	20	Data segmentation		X	Computer	Practical class	1,5	
11	21	Data segmentation	X			Theoretical class	1,5	6,5
	22	Data segmentation		X	Computer	Practical class	1,5	
12	23	Introduction to non-linear prediction	X			Theoretical class	1,5	6,5
	24	Introduction to non-linear prediction		X	Computer	Practical class	1,5	
13	25	Introduction to non-linear prediction	X			Theoretical class	1,5	6,5
	26	Introduction to non-linear prediction		X	Computer	Practical class	1,5	
14	27	Introduction to non-linear prediction	X			Theoretical class	1,5	6,5
	28	Introduction to non-linear prediction		X	Computer	Practical class	1,5	
						Subtotal 1	**42**	**91**
						Total 1 *(Hours of class plus student homework)*	**133**	
15		Tutorials, handing in, etc					3,6	-
16		Assessment					3	10
17								
18								
						Subtotal 2	**6,6**	**10**
						Total 2 *(Hours of class plus student homework)*	**17**	
TOTAL *(Maximun 150 horas)*							**150**	