



## Machine Learning - Homework 2

Pedro Curvo (ist1102716) | Salvador Torpes (ist1102474)

1st Term - 23/24

### Dataset

The following dataset will be used for this homework:

$D$		Input					Output
		$y_1$	$y_2$	$y_3$	$y_4$	$y_5$	$y_6$
Training Observations	$x_1$	0.24	0.36	1	1	0	A
	$x_2$	0.16	0.48	1	1	0	A
	$x_3$	0.32	0.72	0	1	2	A
	$x_4$	0.54	0.11	0	0	1	B
	$x_5$	0.66	0.39	0	0	0	B
	$x_6$	0.76	0.28	1	0	2	B
	$x_7$	0.41	0.53	0	1	1	B
Testing Observations	$x_8$	0.38	0.52	0	1	0	A
	$x_9$	0.42	0.59	0	1	1	B