	٧	Nk	Title	Туре	Topics	Quiz	Hand in	Géron (Ed2)	Bradski
1.1/A	35	29/8/2022	Basic principles	Theory	Introduction				
			& set-up		Organization				
			·		Why machine learning?				
					Machine learning approaches				
					Learning pipeline				
1.2/B	36	5/9/2022		Hands-on	Recap of workshop organization				
		' '			Assignment introduction				
					ML portfolio template				769-779
					How to start? Conditioned acquisition			1-22	
					Set-up Raspberry Pi with OpenCV and sci-kit learn				
1.3/C	37	12/9/2022	Preparing the data	Theory	Thinking about data				
	-	,		, ,	Splitting your data				493-498
					Feature engineering			23-34	511-512
					Exploring your data			35-83	526-545
					Data preparation				770-771
1.4/D	38	20/9/2022		Hands-on	Python primer?				
2, 2		20,0,2022			Numpy				
					Data collection example script				
1 5/F	39	26/9/2022	Supervised	Theory	Classification				
1.5/ L	33	20/3/2022	Machine Learning	Theory	k-nearest neighbors			85-109	
			Widelinie Learning		Support vector machines			153-162	799-848
					Decision trees			175-178	859-864
					Random forests			189-208	875-906
					Bagging and boosting			189-208	
1.6/F	40	3/10/2022		Hands-on	Basic segmentation and feature extraction	1			
1.0/1	40	3/10/2022		Tialius-Oii	Splitting your data	ML principles			
					Exploratory data analysis	Classification			
					Feature engineering	Classification			
					Data preparation				
17/0	11	10/10/2022		Hands-on	OpenCV Tutorial				
1.7/G 1.8/H		17/10/2022		No class					
1.0/П		24/10/2022		INO Class					
1.9/I		31/10/2022		No class			Prelim report		
1.9/1	44	31/10/2022		INO Class			data acq & prep (start of the week)		
2.1/A	4.5	7/11/2022	Regression	Thoony	Linear regression		data acq & prep (start of the week)		
2.1/A	45	//11/2022	Regression	Theory	Logistic Regression			111-152	
					Lasso Regression			162-165	864
								183-184	
2.2/0	1.0	14/11/2022		Handa an	Classification and regression Sci-kit learn				
2.2/B	46	14/11/2022		Hands-on					
					Training a classifier				
					Thinking about performance				
					Hyperparameter tuning				
		1			Visualizing a Decision Tree			1	

	٧	<b>Vk</b>	Title	Туре	Topics	Quiz	Hand in	Géron (Ed2)	Bradski
2.3/C	47	21/11/2022		Handson	Linear regression exercise		Feedback on other groups'		
					Polynomial regression exercise		preliminary report		
					Learning curve exercise				
2.4/D	48	28/11/2022	ML performance	Theory	Confusion matrix	2		79-81	
			•	,	Evaluating classifiers	Data		88-100	
					Log loss			102-105	864
					Learning curves			130-140	
2.5/E	49	5/12/2022		Hands-on	Cross-validation				
,					Learning curves				
					Classification and regression				
					Model deployment and evaluation				
2.6/F	50	12/12/2022	Guest lecture	guest	. ,			235-267	786-792
		' '		ľ				213-233	
2.7/G	51	19/12/2022	Unsupervised	Theory		3			
, -			Machine Learning	,		Supervised ML &			
			0			ML performance			
	52	26/12/2022							
		2/1/2023							
2.8/H		9/1/2023		project					
2.9/1		16/1/2023		No class		All resits	Full report		
2.10/J		23/1/2023		No class					
		30/1/2023							
		6/2/2023							
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V	Vk	Title	Туре	Topics	Quiz	Hand in	Géron (Ed2)	Bradski