

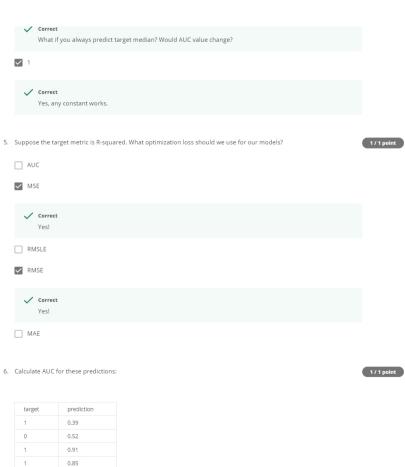


grade 100%

Metrics

TOT	TAL	POI	NTS	6

TOTAL POINTS 6						
1.		What would be a logloss value for a binary classification task, if we use constant predictor f(x) = 0.5? Round to two decimal places.				
	0	.69				
		~	Correct Exactly!			
2.	The	e be	st constant predictor for MAE metric is	1 / 1 point		
		Та	rget mean			
	~	Ta	rget median			
		~	Correct Yes!			
		0.5				
	~	Та	get 50-th percentile			
		~	Correct Yes!			
		Ta	rget mode			
3. 1	The	e be	st constant predictor for mean squared error is	1 / 1 point		
	~	Та	rget mean			
		~	Correct Right!			
	~	Av	erage of the target vector			
		~	Correct Exactly!			
		log	$\eta(y+1)$, where y is target vector			
		Та	rget variance			
4.	The	e be	st constant prediction for AUC is	1 / 1 point		
	~	Та	rget mean			
		~	Correct What if you always predict target median? Would AUC value change?			
	~	An	y constant will lead to the same AUC value			
		~	Correct Exactly!			
	~	0.5				
		~	Correct Yes, any constant works.			
	~	Ta	rget median			
		~	Correct What if you always predict target mean? Would AUC value change?			
	~	Та	rget mean divided by target variance			



target	prediction
1	0.39
0	0.52
1	0.91
1	0.85
1	0.49
0	0.02
0	0.44

Round to 2 decimal places.

