ML Review Quiz: Big Recap

*	Required						
1.	main types of learning * ou were introduced to 3 different learning strategies utilized by machine learning algorithms: nsupervised learning, supervised learning, and reinforcement learning. Match each type of earning to one of the goals below:						
	Mark only one oval per row.						
		unsupervised	supervised	reinforcement			
	Learn how to optimally behave in your environment						
	Discover patterns in your data						
	Predict Y from X						
2.	 This type of ML produces no right or wrong answers, but a human has to interpret the results and make the best of it: * 						
	Mark only one oval.						
	Unsupervised Learning Supervised Learning Reinforcement Learning						

	Unsupervised Lea	rning Superv	ised Learning	_	
Dimensionality Reduction					
Clustering					
Anomaly Detection					
Regression					
Classification					
Mark only one oval per row.		underfitting	overfitting		
Mark only one oval per row. When you evaluate the mod	del on the data it	underfitting	overfitting		
was trained on, the perform that of a human, but on new performs poorly.					
No matter on what data (tra evaluate the model, the per always far below that of a h	rformance is				
Machine learning is an "it has to try many ideas be rather than have the first Mark only one oval.	fore arriving at a	solution that			1

5 points

The main ML types also have subcategories... *

3.

6.	Which of these are reasons that it's often unrealistic to expect an ML system to be 100% accurate? *	1 point
	Mark only one oval.	
	You might not have enough data	
	Data can be mislabeled	
	Data can be ambiguous	
	All of the above	

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