## ✓ Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

grade 100%

## **Identifying Machine Learning Techniques**

LA	TEST SUBMISSION GRADE	
10	00%	
1.	What type of machine learning is the spam filter on your email platform that automatically sends suspicious emails to your spam folder?	1/1 point
	Unsupervised Learning	
	Supervised Learning	
	Reinforcement Learning	
	Correct Great job! Spam filters are an example of supervised learning because they are trained on emails labelled as 'spam' or 'not spam' to produce a model that will input a new email and decide whether or not it is spam.	
2.	What type of machine learning is the Optical Character Recognition system that scans envelopes to determine their destination?	1/1 point
	Supervised Learning     Unsupervised Learning	
	Reinforcement Learning	
	Correct Great job! OCR systems are an example of supervised learning because these systems are trained on thousands of pictures of hand-written letters that are labelled with their corresponding letters. The goal is that the OCR system can recognize hand-written letters that were not a part of the original training data.	
3.	What type of machine learning is a system that classifies an image as 'cat' or 'not cat'?	1/1 point
	Unsupervised Learning	
	Supervised Learning     Reinforcement Learning	
	Correct Great job! Image classifiers are an example of supervised learning because they are trained on thousands of pictures labelled as 'cat' or 'not cat'. The classifier can then look at a new, unlabelled image, and label it as 'cat' or 'not cat'.	
4.	What type of machine learning is a system that predicts the retail value of a new house on the market?	1/1 point
	Unsupervised Learning	
	Supervised Learning	
	Reinforcement Learning	
	Correct Great job! Such a system is an example of supervised learning because it trains on houses labelled with their retail value and then predicts the retail value of a new, unlabelled house.	