Grade received 100% Latest Submission Grade 100% To pass 75% or higher

- Which of these is a more accurate description of a data-centric approach to ML development?
 - Holding the neural network architecture fixed, work to improve the data to do well on the problem.
 - Holding the training data fixed, work to improve your neural network's architecture to do well on the problem.
 - Correct

That's right! Data-centric means you focus your efforts on improving the data to raise the system's performance, while keeping the code fixed.

1/1 point

2.	Say you have an algorithm that diagnoses illnesses from medical X-rays, and achieves high average test set accuracy. What can you now say with high confidence about this algorithm? Check all that apply.
	☐ It does well even on rare classes of diseases.
	Its diagnoses are roughly equally accurate on all genders and ethnicities, so we are confident it is not biased against any gender or ethnicity.
	☐ The system can be safely deployed in a healthcare setting.
	None of the above.
	Correct That's right! High average test set accuracy is a great achievement, but there is more work to be done to ensure the algorithm works well on real-world data, is fair, and performs well on rare classes of diseases.

1/1 point

Train the algorithm on a larger dataset to help it to fit the data better.

Create a training set of this example repeated 100 times to force the algorithm to learn to fit this example well.

Use data augmentation on this one audio clip to make sure the algorithm hears a variety of examples of "today's weather" to fit this phrase better.

Debug the code/algorithm/hyperparameters to make it pass this sanity-check test first, before moving to larger datasets.

✓ Correct

That's right! Something is clearly wrong with the implementation if the algorithm is unable to overfit to a single training example! Find the root cause, fix the problem, and *then* move onto larger datasets.