Human level performance (HLP) is generally more effective for establishing a baseline on unstructured data problems (such as images and audio) than structured data problems

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You're right! Humans perform well on unstructured data, like making sense of an image or a sound, but we aren't great at making sense of large amounts of structured data.

☐ Open-source software should not be used to establish a baseline, since the performance of a good open source implementation might be too good and thus too hard to beat.

4. On a speech recognition problem, say you run the sanity-check test of trying to overfit a single training example. You pick a clearly articulated clip of someone saying "Today's weather", and the algorithm fails to fit even this single audio clip, and outputs "_____". What should you do? **1 / 1점**

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

○ 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.

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

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

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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.