3. Take a phone visual inspection problem. Suppose even a human inspector looking at an image cannot tell if there is a scratch. If however the same inspector were to look at the phone directly (rather than an image of the phone) then they can clearly tell if there is a scratch. Your goal is to build a system that gives accurate inspection decisions for the factory (not publish a paper). What would you do?

1 / 1점

- ○ Try to improve the consistency of the labels, y.
- ◉ Try to improve their imaging (camera/lighting) system to improve the quality or clarity of the input images x.
- ○ Carefully measure HLP on this problem (which will be low) to make sure the algorithm can match HLP.
- ○ Get a big dataset of many training examples, since this is a challenging problem that will require a big dataset to do well on.

✓ **맞습니다**

That's right! If even a human looking at the image cannot identify the presence of a scratch, you'll need to improve the optical quality of your camera to improve your system's performance.

4. You are building a system to detect cats. You ask labelers to please “use bounding boxes to indicate the position of cats.” Different labelers label as follows:

1 / 1점