Congratulations! You passed!

Grade received 100%
To pass 50% or higher

[Go to next item]

Practice Assessment

Total points 2

1. Bob works in a pharmaceutical company where his job is to monitor the quality of the tablets produced. Broken or partially formed tablets need to be separated from the correctly produced ones before the tablets are carefully counted and packed in containers. Based upon what you've learned so far, what would you suggest Bob do?

   1 / 1 point

   ○ Tell him to manually inspect each tablet produced and remove the deformed tablets from the production line.

   ○ Hire you to manually handpick each tablet and separate the bad ones from the good ones.

   ○ Take pictures of the containers containing all the packed tablets right before the containers are ready to be shipped. Then use computer vision techniques on these pictures to separate the good tablets from the bad ones.

   ● Take pictures of all the tablets that are produced in the assembly line before they are sent to be packaged in containers. Use computer vision techniques on these pictures to separate the good tablets from the bad ones which prevent the bad tablets from getting shipped.

   ⊘ **Correct**
   Correct!

2. Security at the airport is a topic of global concern. We don't want a miscreant carrying dangerous items onto airplanes that could cause potential harm to the lives of other passengers. How can we use Computer Vision to prevent people from carrying

   1 / 1 point

hazardous items onto airplanes?

○ Install scanners for scanning luggage and people. Use a custom classifier that is trained to identify hazardous items in images.

○ Hire more security guards at the airport security.

○ Get more police dogs to detect hazardous materials.

○ Install scanners for scanning luggage and people. Use a custom classifier that is trained on images to identify regular everyday items.

⊘ **Correct**
Correct!