### Example assessment questions for image segmentation and multi-stage-inference

Question

Semantic image segmentation attempts to label every pixel in an image.

1. **True**
2. False

Question

Semantic segmentation can identify different instances of the same class in an image.

1. True
2. **False**

Explanation: semantic segmentation cannot differentiate between several objects of the same class. Instance segmentation, however, can be used to identify individual objects of the same class.

Question

The output of one machine learning model can be used as the input to another machine learning model.

1. **True**
2. False