### Example assessment questions for introduction to anomaly detection

Question

Which of the following are a use case for anomaly detection? (Select all that apply)

1. **Industrial machinery monitoring**
2. Face detection
3. **Health monitoring**
4. **Email spam detection**

Question

Collecting data to train an anomaly detection system can be difficult because the data is often unbalanced and can be expensive or dangerous to capture.

1. **True**
2. False

Question

The MIMII dataset used an accelerometer to capture data.

1. True
2. **False**

Explanation: the MIMII dataset used sound data collected from a microphone.

Question

Only neural networks can be used for anomaly detection.

1. True
2. **False**

Explanation: classical ML techniques work as well (such as K-means clustering)