- Week 7 quiz answers

1. Please fill in the blank in the following sentence:

Clustering is ..... machine learning task.

Answer: An unsupervised

2. Explain "sensitivity" as one of the classification metrics

Answer: When the actual value is positive, how often is the prediction correct?

TP/(TP+FN)

Example: Fraudulent transaction detector: Optimise sensitivity

3. Explain "specificity" as one of the classification metrics.

Answer: When the actual value is negative, how often is the prediction correct?

TN/(TN+FP)

Example: Spam filter: Optimise precision or specificity