***Different types of Cross-validation in Machine Learning***

***Quiz:***

1. **True or False: In cross-validation, the data is split into training and testing sets, and the precision score is computed on the testing set for each fold.**

False

True

2. **True or False: Increasing the number of folds in cross-validation can improve the accuracy of the estimated precision score, but at the cost of increased computational time.**

False

True

3. **Compute the average precision score of the cross-validation result**

The average cross-validation precision is higher than 0.80<

The average cross-validation precision is lower than 0.70<

The average cross-validation precision is higher than 0.90

4. **True or False: The results show that the Random Forest model trained with n\_estimators=100 and random\_state=42 did not generalize well, as it showed poor performance on the test dataset.**

True

False

5. **True or False: Cross-validation can only be used to estimate the precision score of classification models, but not regression models.**

False

True