Exam Advanced Analytics in Big Data World June 2020

Multiple choice questions (40% of the exam)

- Bagging/Boosting
- t-SNE vs UMAP
- lasso vs ridge

Open Questions (60% of the exam)

1. Calculate for a given threshold value the recall, precision, matrix and draw the ROC curve
2. Explain the feature permutation algorithm, give its drawbacks and apply it if it can be applied (it can't because you need the algorithm which is not given)
3. What makes a random forest "random". What is the difference between a random forest and an isolation forest?