

Graded Soft/Hard Quiz

TOTAL POINTS 4

1. Which library provides the most convenient way to perform matrix multiplication?

1 point

- ☐ Pandas
- ☒ Numpy
- ☐ Sklearn
- ☐ XGBoost

2. Which libraries contain implementations of linear models?

1 point

- ☐ Pandas
- ☐ Numpy
- ☒ SkLearn
- ☐ Matplotlib

☐ tsne

3. Which library (or libraries) are used to train a neural network?

1 point

☐ Numpy

☒ PyTorch

☐ Maptlotlib

☒ Keras

☒ TensorFlow

☐ T-SNE

4. Select the correct statements about the RandomForest and GBDT models.

1 point

☒ In GBDT each new tree is built to improve the previous trees.

- ☐ Trees in GBDT can be constructed in parallel (that is how XGBoost makes use of all your cores)
- ☐ In RandomForest each new tree is built to improve the previous trees.
- ☒ Trees in RandomForest can be constructed in parallel (that is how RandomForest from sklearn makes use of all your cores)