

Software/Hardware  
TOTAL POINTS 3

1.Question 1

Which libraries contain an implementation of tree-based models?

☐ Pandas

☐ Numpy

☒ scikit-learn

Correct  
Right!

☒ XGBoost

Correct  
Right! XGBoost implements GBDT model.

☒ lightGBM

Correct  
Right! lightGBM implements GBDT model.

☐ libFM

☐ PyTorch

1 / 1 point

2.Question 2

Which library can be used to visualize data?

☐ Numpy

☐ Sklearn

☒ Matplotlib

Correct

Right! Matplotlib is a library for visualizations

☐ Keras

1 / 1 point

3.Question 3

Suppose, that you've loaded all your training data into RAM and want to fit a GBDT model, implemented in LightGBM. Increasing of which hardware resource can give you a reduced training time?

☐ Amount of RAM

☒ Number of cores

☐ Number of displays

☐ Disk performance (switch to SSD)

Correct

LightGBM supports multiple cores calculations, so indeed you can speed up the process with more cores

1 / 1 point