Knowledge Check

Which of the following is not a bagging model?

A.   Bagged Decision Trees

B.   Extra Trees

C.   Random Forest

D.   None of the above

Which of the following is not a bagging model?

A.   Bagged Decision Trees

B.   Extra Trees

C.   Random Forest

D.   None of the above

The correct answer is **D**

Bagged Decision Trees, Random Forest, Extra Trees are all different bagging models.

Which Boosting algorithm works by weighting instances in the dataset by how easy or difficult they are to classify, allowing the algorithm to pay more or less attention to them in the construction of subsequent models?

A.   AdaBoost

B.   Stochastic Gradient Boosting

C.   CatBoost

D.   None of the above

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A.   AdaBoost

B.   Stochastic Gradient Boosting

C.   CatBoost

D.   None of the above

The correct answer is   **A**

AdaBoost generally works by weighting instances in the dataset by how easy or difficult they are to classify, allowing the algorithm to pay more or less attention to them in the construction of subsequent models.