

**Knowledge Check**

**Knowledge**

**Check**

**1 Which of the following is not a bagging model?**

A. B. C. D.

Bagged Decision Trees Extra Trees

Random Forest

None of the above

**Knowledge Check**

**1**

A.

B.

C.

D.

**Which of the following is not a bagging model?**

Bagged Decision Trees

Extra Trees

Random Forest

None of the above

The correct answer is

**D.**

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

**Knowledge Check**

**2**

A.

B.

C.

D.

**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?**

AdaBoost

Stochastic Gradient Boosting

CatBoost

None of the above

**Knowledge Check**

**2**

A.

B.

C.

D.

**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?**

AdaBoost

Stochastic Gradient Boosting

CatBoost

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.**