- Standardization
- Binning
- One-Hot Encoding
- Normalization

A typical machine learning workflow follows this order:

Data Collection → Data Preparation → Model Selection & Training → Model Tuning → Model Evaluation → Model Deployment

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The value for k and the choice of the activation function

Support Vector Machine

Random Forest

Mean Squared Error

1 points

..... is an example of a frequently used optimization algorithm for finding the minimum of a function, and it is used in cases where the optimization criterion is differentiable.

- RBF kernel
- Gradient Descent
- Euclidean distance
- ReLU

 Neural Networks Kernel Regression Linear Regression Logistic Regression

Which one of these algorithms is an instance-based learning algorithms?

Save Answer

1 points

Sigmoid

An activation function in a neural network defines how the weighted sum of the input is transformed into an output from a node or nodes in a layer of the

The learning rate, and the depth of trees
The number of trees and the depth of trees

None of the above

Convolutional Neural Network (CNN)

Recurrent Neural Network (RNN)
Feed-Forward Neural Network

None of the above

- Replace missing values with mean/median
- Replace missing values with mean/media
- Assign a unique category/class to missing values
- All of the above

The key difference between L1 and L2 regularization is that:

- L2 shrinks the less important feature's coefficient to zero thus, removing some feature altogether
- There are no differences between them, they are identical
- L1 shrinks the less important feature's coefficient to zero thus, removing some feature altogether
- Both L1 & L2 shrink the less important feature's coefficient to zero but L2 can produce a negative feature's coefficient

Gaussian mixture model (GMM)

Density-based spatial clustering of applications with noise (DBSCAN)