Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE 100%

From Regression to Classification

TOTAL POINTS 4

1. What is a decision boundary? 1 / 1 point

- The border at which you must choose your destiny
- The function that returns the correct class for a given example
- (selected) The line separating one class from another
- The function that chooses the best action

Correct

2. What does a transfer function do? 1 / 1 point

- Lets you use regression for classification
- It depends, what do you want it to do?
- (selected) Converts the output of a regression function to a class label
- Translates an example from one class to another.
- Distance between points in the same class
- Magnitude of errors
- Direction of misclassifications
- (selected) Number of misclassifications

Correct

4. When can you use the perceptron classifier? 1 / 1 point

- When you're classifying observations
- When you are using a neural network
- Whenever you feel like it
- It depends
- Distance between points in the same class
- Magnitude of errors
- Direction of misclassifications
- (selected) Number of misclassifications

Correct

4. When can you use the perceptron classifier? 1 / 1 point

- When you're classifying observations
- When you are using a neural network
- Whenever you feel like it
- It depends
- (selected) When the classes are linearly separable
- When the decision boundary is flat
- When the optimization function is differentiable

Correct

Correct! The perceptron classification algorithm will only be successful when the classes are completely linearly separable.