Algorithm Performance Report

# Dummy Classifier

precision recall f1-score support  
  
 0 0.00 0.00 0.00 179  
 1 0.54 1.00 0.70 209  
  
 accuracy 0.54 388  
 macro avg 0.27 0.50 0.35 388  
weighted avg 0.29 0.54 0.38 388

# Decision Tree

precision recall f1-score support  
  
 0 0.99 0.98 0.98 179  
 1 0.98 0.99 0.99 209  
  
 accuracy 0.98 388  
 macro avg 0.98 0.98 0.98 388  
weighted avg 0.98 0.98 0.98 388

# K-Nearest Neighbors

precision recall f1-score support  
  
 0 0.97 1.00 0.99 179  
 1 1.00 0.98 0.99 209  
  
 accuracy 0.99 388  
 macro avg 0.99 0.99 0.99 388  
weighted avg 0.99 0.99 0.99 388

# Random Forest

precision recall f1-score support  
  
 0 0.99 0.99 0.99 179  
 1 1.00 0.99 0.99 209  
  
 accuracy 0.99 388  
 macro avg 0.99 0.99 0.99 388  
weighted avg 0.99 0.99 0.99 388

# Logistic Regression

precision recall f1-score support  
  
 0 0.99 1.00 0.99 179  
 1 1.00 0.99 1.00 209  
  
 accuracy 0.99 388  
 macro avg 0.99 1.00 0.99 388  
weighted avg 0.99 0.99 0.99 388