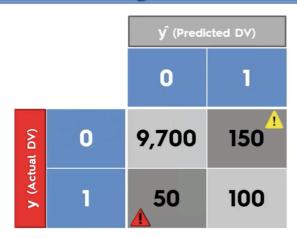
Accuracy Paradox

Machine Learning A-Z

© SuperDataScience

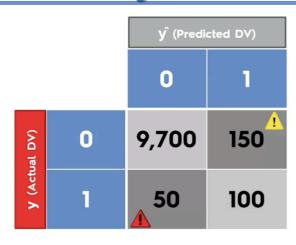
Accuracy Paradox



Data Science Training

© Kirill Eremenko

Accuracy Paradox



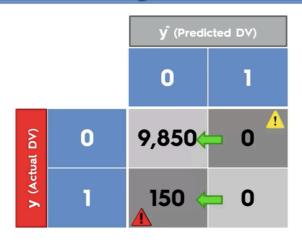
Scenario 1:

Accuracy Rate = Correct / Total AR = 9,800/10,000 = 98%

Data Science Training

© Kirill Eremenko

Accuracy Paradox



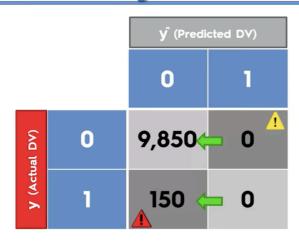
Scenario 1:

Accuracy Rate = Correct / Total AR = 9,800/10,000 = 98%

Data Science Training

© Kirill Eremenko

Accuracy Paradox



Scenario 1:

Accuracy Rate = Correct / Total AR = 9,800/10,000 = 98%

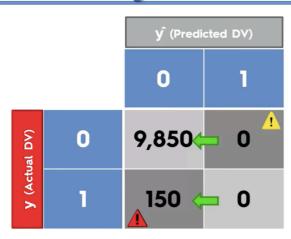
Scenario 2:

Accuracy Rate = Correct / Total AR = 9,850/10,000 = 98.5%

Data Science Training

© Kirill Eremenko

Accuracy Paradox



Scenario 1:

Accuracy Rate = Correct / Total AR = 9,800/10,000 = 98%

Scenario 2:

Accuracy Rate = Correct / Total AR = 9,850/10,000 = 98.5%

Data Science Training

© Kirill Eremenko

This is the reason why we shouldn't only look at the accuracy rate but look at other factors as well.