Robert Cocker
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DATA 5467
Dr. Jawad.
QUIZ

Quiz #3

Steps to assess model performance

1.) Collect data (input data) data set

2.) split data — train, test, validation
(train, test, split)
(also data preprocessing is needed)

3.) Train model on training set

4.) Assess model performance on Validation set

— Select threshold value for success
& tune model hyperparameters

EX: α = learning rate (gradient descent)
adjusting the learning rate

5.) Iterate: repeat steps 3 & 4 until model is deemed optimal.

(test)
6.) Assess model performance on the test set
                                    expected
— determine's model's performance on new data