Chris Knapp

Connor Flanigan

Jack Rivadeneira

Cross Validation:

Why is it needed?

* Cross validation helps to gauge the error rate of a learning algorithm. By using part of the data set for testing, its accuracy can be judged. A k-fold cross validation is often preferred, as it allows for all of the data to be used for both testing and learning. By doing this, how well the learning algorithm generalizes can also be judged, rather than its accuracy in one case.