Data split best practice:

Labeled data	Train	Val	Test

What %? Depends on size of data and amount of noise.

Smaller -> higher variance larger -> less date for other split

For small data, take full advantage of as much date as possible:

Val.	Valz	Valz	• • •	Valk	Test

"K-Pold cross-validation":

train on each subset of k-1 chunks, val on the last any val accuracy across all k trials

- + better training, lower varrance val accuracy
- need to train k times

"leave-one-out cross-validation":

K=n

S = fit transferm

Train | Val | Test

(. transferm)

S= fit transform (frein])

5. transform (Vul)

S. transform (test)