DSFA

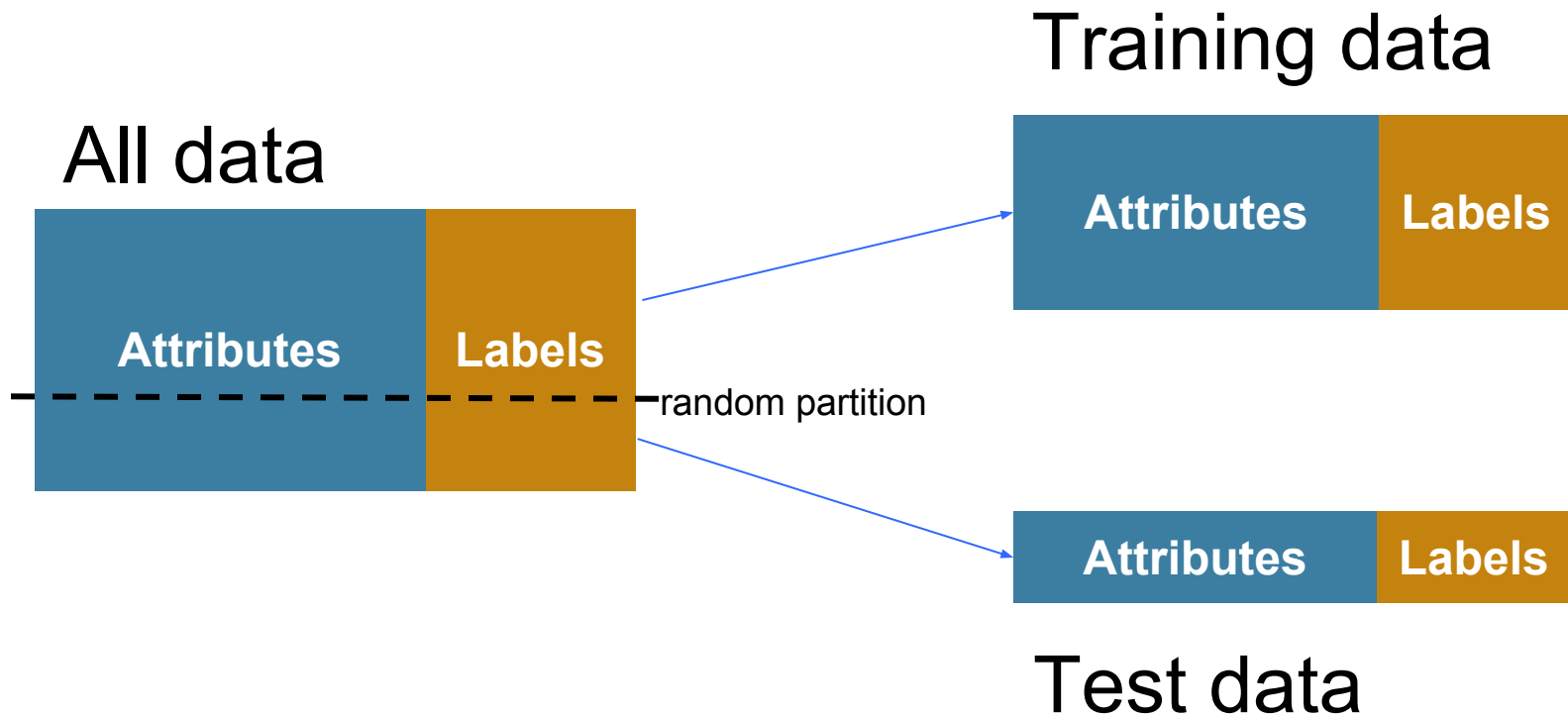Spring 2018

Lecture 36

Implementing Nearest Neighbor

Announcements

Nearest Neighbor

How to classify a new individual:

- Find their nearest neighbor: the individual closest to them in the data set
- Assign the new individual the **same** label as that nearest neighbor

Train vs. Test

All data

Attributes	Labels

---- random partition

Training data

Attributes	Labels

Attributes	Labels

Test data

Deep Dive into the Code

(Demo)