CS 185C Section 2
Advanced Practical Computing Topics
Solving Big Data Problems
Fall 2017: Tu/Th 07:30-08:45
Instructor: James Casaletto

Build sandbox cluster on laptop
Use distributed file systems
Write MapReduce programs

Build data pipelines and workflows
Perform data transformations
Store and retrieve data at scale

Use data science methods
Build clustering models
Perform classification and regression

Prerequisites:
• Java programming (CS 146) and ability to build Maven projects
• 64-bit laptop with at least 8GB RAM and 30G disk space