CS-495/595 Big Data
Spring 2015
Wed. 4:20PM - 7:00PM Constant Hall 1043
Instructor: Dr. Cartledge
http://www.cs.odu.edu/~ccartled/Teaching

• Big data is quadrupling every year!!
  – Everyone is creating it
  – Everyone wants to use it

• Objectives:
  – Learn how to store and analyze Big Data
  – Learn about the cloud and its services for Big Data

• Technologies to be used:
  – Hadoop, Pig
  – MapReduce
  – HDFS

• Learn about Big Data questions
  – What types are easy to answer
  – What types are hard to answer

• Prerequisites: None

• Recommended experiences:
  – Java (CS-330, 361, or equivalent)
  – An IDE that supports Hadoop
  – Ant, Maven, or Makefiles

Other notes:
• This is not a programming course. You will learn to use an existing framework, not a new language.
• There will be approx. three programming assignments. Graduate students will expand on the basic assignment with analysis and presentations.