# CSP554—Big Data Technologies

## Assignment #8

## Readings

Read the Spark Streaming Programming Guide (on the blackboard in the section “Free Books and Chapters”)

For those interested in learning much more about Kafka read from the book “Kafka: The Definitive Guide” (on the blackboard in the section “Free Books and Chapters”). Other articles about Kafka are located in this section of the blackboard as well. Always recall our Kafka broker is located at: sandbox-hdp.hortonworks.com:6667.

See the companion document “Demo Instructions.”

## Worth: 10 points (5 points for each problem)

## Due by the start of the next class period

Assignments should be uploaded via the Blackboard portal

Exercise 1) Read and provide a half page summary and analysis of this article available on the blackboard in the ‘Articles’ section: Dynamo: Amazon’s Highly Available Key-value Store.

Exercise 2) Read and provide a half page summary and analysis of this article available on the blackboard in the ‘Articles’ section: Data management in cloud environments: NoSQL and NewSQL data stores.