Quiz 3 - 8A - Spark

Provide Scala code that calculates counts of words ending with "er".

Solution

sc.textFile('...').flatMap(lambda x: x.split()).filter(lambda x: x.endsWith('er'))
.map(lambda x: (x, 1).reduceByKey(lambda x, y: x+y).saveAsTextFile('...')

OR

sc.textFile('...').flatMap(x => x.split()).filter(x => x.endsWith('er'))
.map(x => (x, 1).reduceByKey(x, y => x+y).saveAsTextFile('...')

OR

sc.textFile('...').flatMap(_.split()).filter(_.endsWith('er'))
.map((_, 1).reduceByKey(_+_).saveAsTextFile('...')