IT4043E
Tích hợp và xử lý dữ liệu lớn

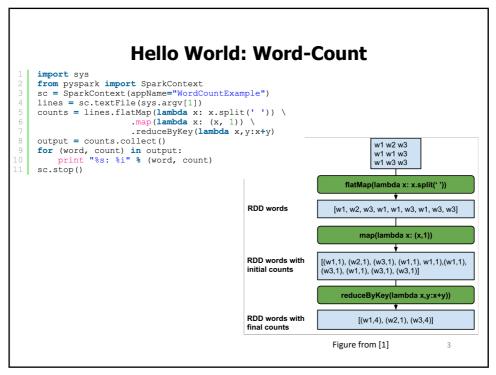
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Spark running mode

- Local
- Clustered
 - Spark Standalone
 - Spark on Apache Mesos
 - Spark on Hadoop YARN

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Run using command line

- Turn on docker bash
- spark-submit wordcount.py README.md
- · Result will be shown as follows

```
19/05/19 07:56:51 INFO scheduler.TaskSchedulerImpl: Removed pool 19/05/19 07:56:51 INFO scheduler.DAGScheduler: ResultStage 0 finished in 0.150 s 19/05/19 07:56:51 INFO scheduler.DAGScheduler: Job 0 finish 0, took 2.050066 s Turks: 1 States,294: 1 Algeria,United: 1 States,205: 1 States,205: 1 States,955: 1 States,955: 1 States,958: 1 States,950: 1 St
```

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Lab: Word-Count

- Lab on the Zeppelin notebook
- Github source code
 - https://github.com/bk-blockchain/big-data-class

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5

Flight data:

- Analyzing flight data from the United States Bureau of Transportation statistics
- Lab on the Zeppelin notebook
- Github source code
 - https://github.com/bk-blockchain/big-data-class

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References

• [1] https://datamize.wordpress.com/2015/02/08/vi sualizing-basic-rdd-operations-throughwordcount-in-pyspark/

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