Lab1

* countword

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* Khởi động SPARK Master

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* Khởi động SPARK Worker

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* Kết nối Shell với Spark Master

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Lab2

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* pi.py

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* wordcount\_demo.py

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* als.py

A screenshot of a computer

Description automatically generated

* status\_api\_demo.py

A screenshot of a computer

Description automatically generated

* transitive\_closure.py

A screenshot of a computer

Description automatically generated

Lab3

|  |  |
| --- | --- |
| 20 từ được nhắc đến nhiều nhất  A screenshot of a computer  Description automatically generated | 10 tài khoản được nhắc đến nhiều nhất |

Lab4

* scikit-learn

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* kmeans-spark

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A screenshot of a computer

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Lab5

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Description automatically generated

A screenshot of a graph

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