



Assignment

Week15: Apache Spark – Streaming
Part-1

IMPORTANT

Self-assessment enables students to develop:

1. A sense of responsibility for their own learning and the ability & desire to continue learning,
2. Self-knowledge & capacity to assess their own performance critically & accurately, and
3. An understanding of how to apply their knowledge and abilities in different contexts.

All assignments are for self assessment. Solutions will be released on every subsequent week. Once the solution is out, evaluate yourself.

No discussions/queries allowed on assignment questions in slack channel.

Note: You can raise your doubts in the subsequent week once the solution is released

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Problem 1:

Write a spark streaming program to search the words that starts with “big” using stateful transformation (with named function)

Problem 2:

Write a spark streaming program to find the sum of each upcoming-string from a socket (Make sure you enter numbers only to avoid errors) using stateful transformation

Problem 3:

Write a spark streaming program to find the count of lines from a socket using stateful transformation

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