Twitter Streaming Sentiment Analysis using Spark

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CS644 – Introduction to Big Data

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Tasks:

1. Do twitter streaming analysis using Spark streaming
2. Train machine learning algorithms to perform sentiment analysis based on the training data and classify stream of tweets using Spark MLib
3. Store the fetched tweets data and their classification results in a database
4. Submit your codes and report to Canvas
5. Submit the screenshot of the code to do all the tasks (the running code) to Canvas as well

References

Loshin, D. (2013). Big Data Analytics: From Strategic Planning to Enterprise Integration with Tools, Techniques, NoSQL, and Graph. Amsterdam: Elsevier.