

CPCS 436C: Cloud Computing for Data Science
Computer Science
University of British Columbia

Assignment5 Rubric: Streaming Text Analysis using Spark

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Criteria	Excellent (15-20)	Needs Improvement (7-14)	Unsatisfactory (1-6)
Python scripts for all textual analytics	Excellent (15-20): Python scripts provided for all textual analytics tasks with appropriate and representative names, demonstrating a comprehensive implementation of each task.	Needs Improvement (7-14): Python scripts present but with minor naming issues or some tasks missing, indicating partial or incomplete implementation.	Unsatisfactory (1-6): Python scripts inadequately named, missing multiple tasks, or incomplete representation, highlighting a severe lack of implementation or failure to fulfill requirements.
Accuracy of code execution result	Excellent (15-20): Accurate and correct execution results showcased for all implemented tasks, demonstrating precise and effective coding practices.	Needs Improvement (7-14): Some inaccuracies or minor errors in the execution results, indicating partial correctness or minor issues affecting the accuracy of the implementation.	Unsatisfactory (1-6): Significant inaccuracies or errors in execution results, highlighting major flaws or lack of correctness in the code, rendering the implementation ineffective or vastly incorrect.
Performance measurement and analysis	Excellent (15-20): Thorough and accurate performance measurements provided for each analysis task, with detailed analysis and interpretation of the results, demonstrating a comprehensive understanding of performance metrics and their implications.	Needs Improvement (7-14): Partial or incomplete performance measurements, lacking in-depth analysis or interpretation, indicating some understanding but with significant gaps in the analysis or presentation of results.	Unsatisfactory (1-6): Missing or highly inaccurate performance measurements, lacking analysis, or interpretation, showcasing a severe lack of understanding or failure to provide essential metrics or analysis.
Screenshot of architectures for each case	Excellent (15-20): Clear and comprehensive architectural screenshots provided for each scenario, demonstrating a detailed understanding of the system architecture and its implementation for both cases.	Needs Improvement (7-14): Partial or incomplete architectural screenshots, lacking some key details or clarity in the system architecture representation, indicating an incomplete or partial understanding of the architecture or its components.	Unsatisfactory (1-6): Missing or highly inadequate architectural screenshots, failing to showcase the system architecture or its components effectively, highlighting a severe lack of understanding or failure to represent the architecture adequately for evaluation purposes.
Documentation and reporting	Excellent (15-20): Detailed and comprehensive documentation provided, encompassing all required elements - clear code presentation, performance metrics, architecture details, and analysis, exhibiting a comprehensive understanding and representation of the project.	Needs Improvement (7-14): Documentation mostly present but lacking clarity in some sections, incomplete representation of code or results, or minor issues in the report, indicating a partial or somewhat comprehensive understanding but with significant gaps or presentation issues.	Unsatisfactory (1-6): Inadequate documentation, missing crucial sections, lack of clarity, or significant presentation issues, demonstrating a severe lack of understanding or failure to document essential aspects of the project effectively.