

CSC-343: Final Project Rubric

	Poor (C or below)	Acceptable (B range)	Excellent (A range)
Documentation (all projects)	Code documentation is minimal or not provided. Variable and function names are not descriptive and the code is formatted poorly, making the program difficult to read.	The majority of functions and major code segments (or questions) are documented. Variable and function names are chosen appropriately and proper formatting (such as indentation) is throughout the majority of the code. Steps/queries/algorithms are easy to follow but some aspects of the code are not.	All functions and major code segments (or questions) are properly documented. Variable and function names are chosen appropriately and proper formatting (such as indentation) is used, making the code easy to follow.
Report (Impala and PySpark projects)	The report is not a cohesive narrative. Graphs are not included (required for PySpark analysis)	The write-up is a cohesive narrative, but may include several spelling or grammatical mistakes. Graphs are included but not all axes are labelled.	Your report is a cohesive narrative that clearly describes the dataset, the structure of where and how the data is stored, your objective, and your results. If graphs are included, they have appropriate labels and figure captions, and are referred to in the text. Little or no spelling nor grammatical mistakes are made.
Group Project Requirements	Code documentation includes the person or persons who wrote or contributed to each section. If submitting a report, a Contribution section is included at the end which summarizes the contributions of each individual as related to the data collection, analyses, and writing the report.		
Submission Requirements	Your submission includes all source code (all projects) for creating tables (Impala project), or for processing/analysis (all projects). Project data is stored in a docker image (Impala and Map Reduce projects) or submitted as a zip file (PySpark project). Any additional files needed for the analysis (such as your Oozie workflow) are submitted. If submitting a docker image, you should upload your image to your docker hub and include the URL in your submission. Your submission must include clear instructions so that I can repeat your analysis. For example, your submission may say: to analyze the data, run the following command from the docker container: <i>run-this-command</i> .		