

# CME538 The Big Project: Final Submission Rubric

The following is a reproduction of the contents from the Quercus announcement posted by a teaching team member (October 17, 2024).

Component	Subcomponent	Poor	Mediocre/Fair	Good	Very Good	Excellent
Medium Article (15)	Introduction (1)	No specific goal of the project is communicated.		Describes project but is vague/factually incorrect.	Clearly describes the project or why the project is interesting/useful.	
	Background and related work (0.5)	Too much irrelevant info or insufficient info/context.		Some omissions or factual incorrectness, but still clear	Describes 1-2 prior relevant/important works.	
	Illustrations and visualizations (2)	Illustrations lack significant details, are inaccurate, or severely hinder communication.		Drawings that do the job, but are not particularly clear or very wordy.	Well-thought-out figures that are good at communicating your core idea.	
	Data processing (2)	Incomplete information.	Vague descriptions, missing key info, no example data shown.	Mostly clear description of process, but steps are vague.	Clear descriptions of data sources and data wrangling process. Includes statistics/data examples that are quite illustrative.	
	Methodology (2)	Unclear description, incomplete, inconsistent.	Some issues with the description, somewhat inaccurate.	Clear, but lacking some details to be reproducible.	Clear and concise description, reproducible by someone else.	
	Results (4)	No result was presented.	Major issues with results or misinterpretations.	Minor issues with results.	Insightful results, or a model that performs well.	
	Discussion (1)	No interpretation of results.	Some issues with the interpretation.	Sound interpretation of the results.	Insightful interpretation of results, exceeds expectations.	
	Project difficulty (2)	Below expectations.	Data sets are too simple, or the model does not perform very well.	Meets project expectations. Adequate model performance.	Challenging dataset chosen or complex model produced. Exceeds some expectations.	

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	Structure, grammar, and mechanics (0.5)	Numerous issues.	Somewhat, reasonably well-written, but with many issues.	Well-written, but with some noticeable issues. Meets expectations.	Well-written, but could be more concise or less error-prone.	Clear, concise, and well-written document. Exceeds expectations.
Presentation (15)	Public speaking skills, storytelling	Poorly made visual aids. Speaking sounds like the group has not practiced. Questions could not be answered directly. Group members have limited understanding of content. Evidence of fair distribution of work is missing or very suspicious.		Visual aids are not too cluttered, but could be improved. Communication is decent. Storytelling is reasonable and is somewhat engaging.	Well-developed visual aids and well organized. Evidence of team collaboration is apparent. Could be slightly more engaging.	Very professional. Clear, concise, appropriately animated. Flows like a story. Natural and engaging. All team members speak.
GitHub Repository (5)	Shadow a developer	No README.md file nor attribution table. No source control history. Poorly organized file structure/code. File names are not descriptive. Data is unavailable. Code is very hard to understand or is not executable.		Includes a README.md file, but lacks detail. Attribution table exists. Some evidence of source and version control. Code is structured decently.	Includes a detailed README.md file that explains how to access data/run the model. Attribution table seen. Excellent source and version control. Code is well-structured and organized, almost like it could be a standalone CME538 assignment.	

**Other comments:**

1. All components must be submitted by Dec. 4, 2024 at 11:59 pm via Quercus. You may submit multiple times.
2. Include the link to your Medium article and link to your GitHub repository within the Quercus submission.
3. Include a PDF or PowerPoint of your presentation.
4. There is a penalty-free grace period of one (1) hour past the deadline. No other late work is accepted: the Quercus submission time is used.
5. Presentation time limit: 15 minutes, followed by a 10-minute Q&A period. Total time = 25 minutes.