

# Statistics 159/259 final project grading rubric

To receive an "A" on this assignment you will need to have roughly seven check marks and two check pluses.

	✓-	✓	✓+
Questions	Questions overly simplistic, unrelated, or unmotivated	Questions appropriate, coherent, and motivated	Questions well motivated, interesting, insightful, and novel
Analysis	Choice of analysis is overly simplistic or incomplete	Analysis appropriate	Analysis appropriate, complete, advanced, and informative
Results	Conclusions are missing, incorrect, or not based on analysis Inappropriate choice of plots; poorly labeled plots; plots missing	Conclusions relevant, but partially correct or partially complete Plots convey information but lack context for interpretation	Relevant conclusions explicitly tied to analysis and to context Plots convey information correctly with adequate and appropriate reference information
Collaboration	Only a few members contributed substantial effort or members each only worked on part of project	All members contributed substantial effort and everyone contributed to all aspects of project	All members contributed substantial effort to each project aspect
Tests	Tests incomplete, incorrect, or missing	Tests cover most of the project code	Extensive and comprehensive testing
Code review	Pull requests not adequately used, reviewed, or improved	Pull requests adequately used, reviewed, and improved	Code review substantial and extensive
Documentation	Poorly documented	Adequately documented	Well documented
Readability	Code readability inconsistent or poor	Code readability consistent and good quality	Code readability excellent
Organization	Poorly organized and structured repository	Reasonably organized and clear structure	Elegant and transparent code organization
Presentation	Verbal presentation is illogical, incorrect, or incoherent. Visual presentation is cluttered, disjoint, or illegible Verbal and visual presentation unrelated	Verbal presentation partially correct but incomplete or unconvincing Visual presentation is readable and clear Verbal and visual presentation related	Verbal presentation is correct, complete, and convincing Visual presentation is appealing, informative, and crisp Verbal and visual presentation clearly related
Writing	Explanation is illogical, incorrect, or incoherent	Explanation is correct, complete, and convincing	Explanation is correct, complete, convincing, and elegant
Reproducibility	Code didn't run	Makefile recipes fetch data, validates fetched data, generates all results and figures in report	Makefiles additionally generate all EDA work and supplementary analysis