Introduction to Statistical Computing
Term Project

Fall 2019—DMS 106—Mon,Wed 2:30pm - 3:45pm

Critical task	Needs improvement	Basic	Surpassed
Computation. Perform computations necessary for the data analysis	Computations contain errors and extraneous code	Computations correct but contain extraneous code/unnecessary code	Computations correct, clear, and properly labeled
Analysis. Choose and carry out analysis appropriate for data and context. MUST USE COMPUTATIONAL STATISTICS TECHNIQUES!	Choice of analysis is overly simplistic, irrelevant, inappropriate for the data, or missing key component(s)	Analysis appropriate, but incomplete and important features and assumptions not made explicit	Analysis appropriate, complete, advanced, relevant, and informative
Synthesis. Identify key features of the analysis, and interpret results in context	Conclusions are missing, incorrect, or unsupported	Conclusions are reasonable, but partially correct or partially complete	Relevant conclusions explicitly connected to analysis and context
Visual. Communicate findings graphically clearly, precisely, and concisely	Inappropriate choice of plots; poorly labeled plots; plots missing	Plots convey information correctly but lack context for interpretation	Plots convey information correctly with adequate and appropriate connections
Written. Communicate findings in writing clearly, precisely, and concisely	Explanation is illogical, incorrect, or incoherent	Explanation is partially correct but incomplete or unconvincing	Explanation is correct, complete, and convincing.