

Applied Regression Writing Component
Assignment 3
Progress Report
STAT 1223 Dr. Bodenschatz Spring 2019

Assignment 3 Due in class on Mar 20. 20 Points Possible.

Collect the data for your project. Write a progress report for your statistical study or experiment.

Your progress report should include:

- A statement of the purpose of the study.
 - Why are you undertaking the study?
 - Why will the results be interesting/important?
 - What action might be taken as a result?
- A discussion of the data of interest.
 - What individuals do the data describe?
 - How many variables do the data contain?
 - What are the definitions and units of measurement of the variables?
 - What types of variables have you employed: categorical, quantitative, etc.?
- An analysis of how the data were collected.
 - Describe the sampling method used to collect the data (i.e. is it a random sample and what is the population?).
 - How many individuals appear in the data? How did you determine this sample size? What issues did you consider?
- A discussion of the statistical methods you will employ to analyze the data and to answer your questions of interest.
 - What kinds of exploratory data analysis will you undertake?
 - What quantities do you hope to estimate?
 - What hypotheses might you test?
 - What relationships do you hope to express/test/explore?
- A statement of the conclusions you hope to make.
- An updated timeline for your project. The final report will be due on April 10.

Your progress report should:

- Be typed and double spaced.
- Be grammatically correct (check grammar, spelling, punctuation, etc.).
- Contain any necessary references.

Attach this sheet (with the reverse side on top) to the front of your assignment.

ALSO ATTACH your graded Assignment 2 (Project Proposal) with the grader's comments / suggestions.

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Name _____

Grading Criteria:

Criterion	Points Possible	Points Earned
Discusses data of interest	4	
Thoroughly explains how data were collected and/or how the quality of the data was determined	4	
Examines statistical methods to be utilized	2	
Discusses expected conclusions	2	
Overall flow, word choice, and writing style	2	
Grammatically correct – spelling, punctuation, etc.	2	
Follows format (typed, double-spaced, references, includes timeline, etc.)	2	
Overall impression and quality	2	
Total Score	20	