**Project Guidelines for DSC 542**

|  |  |
| --- | --- |
| Project description | * Introduction, Background, rational for project.
* Aim: what was/were the substantive questions to be investigated?
* Description of variables.
 |
| Data management | * Data entry to Excel or SPSS
* Data cleaning
 |
| Statistical methods | * Descriptive statistics for the whole data and for each variable.
* Inferential statistics for answering the main objectives of the research
 |
| Presentation of data and results | * Quality and appropriateness of tables.
* Quality and appropriateness of graphs.
 |
| Interpretation of results | * Demonstrate understanding of statistical principles.
* Correct summaries of results.
* Discussion of limitations.
* Conclusions consistence with results.
 |
| Writing | * Clear, concise, correct English
* Organized report.
 |

1. This may be a data analysis project of your own devising--e.g., an analysis of a data set of your choice
2. Ideally, the aim of the final project will be to develop a forecasting model for a data set in which you are especially interested
3. The important thing is that the project should have significant data analysis content and should use some of the modeling concepts introduced in the course.
4. Final projects are to be submitted electronically