

# **Scripting for Data Analysis IST 652**

## **Final Project Guidelines**

### **Final Project —DUE: 24 hours before the live session in Week 10**

In addition to carrying out the project, you must write a final project report. In this report, you should

1. Describe the data and its source(s), including any preprocessing (8 points)
2. Describe your methods of analysis, including the questions that will be answered, in what fields the data will be used, and what the resulting output will be (10 points)
3. Include an overall description of the program (5 points)
4. If your project is a group project, describe the tasks and roles of each member of the group (2 points)
5. Draw conclusions from your results about your data (15 points)

### **What to Submit**

- The project report, which addresses the aspects of the project described above. This is worth **40 points. (see breakdown above)**
- The Python program, documented with comments. This is worth **50 points.**
- The output(s) of the program. This is worth **10 points.**

**Total points for the project is 100 points.**

### **Final Project Presentation – DUE: Week (presentations will be split between Week 10 and 11)**

- Length of presentation slots
  - 1 person: 10 minutes
  - 2 people: 15 minutes

- 3 people: 20 minutes
- Leave time for questions (2 minutes per presentation)
- Practice!
- What to include:
  - Create some visuals to share with class (maybe a PowerPoint or graphs of output)
  - Data sources
  - Single analysis question that was answered
    - Can build upon this section if you have multiple group members
  - Overall description of the program you created
  - Output and conclusions drawn

**Total points for the presentation is 100 points.**

Time used appropriately:	10 points
Visuals provided:	20 points
Discusses Data Sources:	10 points
Analysis question presented:	10 points
Description of program:	10 points
Output and Conclusions drawn:	20 points