Stat 601 Questionnaire

Name: Amin Baabol

1. Where do you come from?

   I was born in Ethiopia, raised in Minnesota.

2. Of the statistical topics you have studied, which do you like the most?
I like regression and I'd like to learn more about the different methods of regression

   2a- Why?
   Because regression analysis is frequently used in the industry I'm going into.
   It's a reliable method for determining essentially what factors matter most.

3. Of the courses you have taken, which statistics course did you like the least?
I have not taken a lot of statistics to compare, I've only taken two but if I had to pick
between them I'd probably say stat-600.

   3a- Why?
   Simply because I was entirely new to R and the workload was very heavy
   with short deadlines to work with.

4. What is your past experience with analysis of data?
I previously worked as a thermal engineer and I used various software such Flotherm and
ANSYS Workbench to optimize heat dissipation and thermal conductivity

5. What do you expect of this course?
I want to improve my analysis and programming skills; I'm specifically interested in
getting better at data visualization and communicating my findings in a concise
fashion.

6. What do you expect of the instructor?
• I'd hope the instructor to have concise and informative lectures, although this is
   subjective, but I learn best when it's short and to the point.
• I'd also appreciate if the instructor takes into account the amount of time it takes
   for the average student to digest and understand the statistical concept and the
   time it takes to figure out how to write the code and successfully run it.

- Lastly, it would be nice to relate problems or concepts to real-world applications or at least give examples of how certain concepts are implemented in real-world scenario.

7. Why do you think statistics is important (for you)? If you like statistics, why?
It's important for me because the career I'm trying to build will one way or another involve analyzing data to unlock patterns and provide insights that will potentially drive business decisions.

8. What is your experience with programming and statistical programming?
I started programming in R and Python about 3 months ago. I wouldn't say I'm intermediate just yet but I'm getting slightly comfortable with both languages. As for statistical programming, I've taken stat600 this summer.

9. What is your preferred programming language for data analysis?

I prefer Python but if I'm not allowed to use python then R.

> 9a- Why?
> Because python syntax is easier to understand and debug issues than some of the other programming languages out there.

10. Do you prefer statistical software to writing your own programming script for data analysis?
No! I prefer to learn to write my own programming script.
> 10a- Why
> Because I may or may not have access to statistical software at my future jobs. Furthermore, I'm personally interested in improving my programming skills.