

Stat 602 Questionnaire

Name: Lawrence Sethor Segbehoe

1. Introduce yourself

I am an MS Statistics student here at SDSU and hope to complete this spring. Originally from Ghana but I live in Brookings, SD.

2. Did you take STAT 601 at SDSU? Yes

If yes

2a. Which topics covered in 601 that you thought you grasped well?

Quantile Regression

2b. Which topics covered in 601 that you thought you didn't grasped well?

Longitudinal Analysis and Mixed Models

2c. Which topics did you think are the most useful?

I think no single topic is more useful than the other as far as being a Statistician or Data Scientist. Each topic helps to fill a gap in the concept building process. The usefulness of the topic may be based on a person's area of specialization.

3. Of the statistical topics you have studied, which do you like the most?

Bayesian Statistics is interesting but of course computationally expensive in many respects.

2a- Why?

Bayesian Statistics takes a wider look at estimations as opposite to frequentist approach but there may be cases where one may be more useful than the other.

4. Of the courses you have taken, which statistics course did you like the least?

Statistic Computing/ Simulations

4a- Why?

I have learnt a lot about implementation of theories described in text books in R coding and multivariate Bayesian statistics.

5. What is your past experience with analysis of data?

My data analysis experience is mainly from project work I so individually in a group from the statistics course that I have been taking so far.

6. What do you expect of this course?

The learn new concept (function from R, why we use them given a situation and interpretation of results from the outputs) that have connection with my previous knowledge and thereby making me more useful and versatile.

7. What do you expect of the instructor? List things you want the instructor to start implementing, continue doing (from 601) and stop doing (from 601)

Start: Give **more** explanation on **why** and **when** to use some given models and **how** interpretation of results is done.

Continue: Giving assignment every week

Stop: Giving too many assignment questions in a week

8. Why do you think statistics is important (for you)? If you like statistics, why?

It helps me to make sense of data of difference types. It very useful in decision making

9. What is your preferred programming language for data analysis?
I like R and Python but will definitely not stop learning a lot about C/C++.

9a- Why?

R is simple, open source and powerful but confined to statistics alone and given the large community base and packages for almost anything you want to do but may be slower compared to C/C++ since is interpreted.

Python is a general-purpose programming language, open source and easy to learn and serves statistician very well. In company, both software engineer and statisticians can communicate very well if they are using a common programming language.

R and Python were written in C/C++. It sometimes suffices to write your code in C/C++ for efficiency.

10. Do you prefer statistical software to writing your own programming script for data analysis?

If the work involves repetition of task involving large data set, I would prefer a statistical software if it is efficient otherwise, I will strive to write a better code which speed up my work.

10a- Why

I prefer statistical software if it is repetitive task, but I would have to know **how that software does its analysis** to help me with interpretation of results.