Professional Development Proposal

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Tasks

In modern technology development environments, teamwork is an inevitable topic in both academic and professional setting. As a statistics student who consistently work with programming languages such as R and Python, it is essential to learn about the powerful tool for teamwork and version control Git. I found this to be highly relevant to my professional development so I want to take this chance to learn about this tool and set up an initial profile in Github.

Learning Git

The first part of this task is learning foundamentals of Git and the open-source platform Github. Some topics may include: what is Git and why is it important; how problems does it solves; differences between Git and Github; the Github interface; how to set up repositories; what are some common Git commands, etc.

This part would takes about 3 to 5 hours of effort. The output of this part would be a set of note which can be submitted for learning verification.

Setting Up Github Profile

The second part is to set up my first Github profile, and set up a repository that contains some of the code exercises from STA303 (specific assignment references will not be included to comply with academic integrity requirements) to demonstrate skills. I will also set up a branch for the final project collaboration.

This part would takes about 3 to 5 hours of effort. The output of this part would be a Github URL that can be accessed publicly.

Conclusion

By completing this task I can obtain basic proficiency in using Git for teamwork and version control, and I will also have a personal profile to showcase skillset for future career uses.