Reflection Portfolio

1004869 Sangeun Eom
Neuroinformatics Group 25

February 2023

1 The reflection on the Python Implementation Assignment

As members of Group 25, we approached the Python implementation assignment individually and later compared our respective answers. During this collaborative process, we endeavored to articulate our own understandings while also actively listening to and learning from others. This exercise proved to be invaluable, as it allowed us to both reinforce our own comprehension and broaden our knowledge base by considering alternative perspectives.

Throughout the task, I made a conscious effort to fully comprehend the underlying algorithm and its associated concepts. Prior to tackling each task, I diligently reviewed previous lecture materials and carefully considered each step required to arrive at a solution. Moreover, Python proved to be an effective tool for sharing ideas and communicating complex concepts. I took great care to ensure that my code was both well-organized and easily comprehensible to my peers. This experience afforded me the opportunity to refine my coding skills, while also strengthening my ability to collaborate effectively with others.

Although I relied heavily on lecture materials to guide my understanding of the assignment, I recognized that there might be gaps in my knowledge that required me to think critically and creatively to overcome challenges. For instance, the second task posed a significant challenge, as I was unfamiliar with the process of extracting information from a graph. I should have looked at x-axis and y-axis hard. It was also because of the lack of my knowledge about Python syntax. Despite this initial hurdle, I persevered and sought guidance from my peers. By articulating the specific points where I was struggling, I was able to clarify my thought process and ultimately arrive at a successful solution. This experience allowed me to not only overcome a specific challenge, but also hone my problem-solving skills more broadly.

2 The reflection on the First Video Assignment

The first video assignment was a comparatively straightforward exercise, but it still required us to think creatively and work collaboratively to arrive at the correct solutions. We discussed about the idea to get the answers. I was sure for my answers, but it was not actually. My teammate helped me to get the right approach. Through discussion and consultation with my peers, I was able to deepen my understanding of the concepts presented.

One of the most valuable aspects of the video assignment was the opportunity to participate in the creation of an educational resource. As someone who has often turned to YouTube for help with complex concepts, I was excited to contribute to the creation of a video that could be a helpful resource for others.

In crafting the video, we focused on creating a clear narrative structure and incorporating engaging visuals to enhance audience engagement. Additionally, we recognized that some viewers might be approaching the material as a beginner and thus worked to ensure that our explanations were both thorough and easily comprehensible.

Feedback from other teams was also very helpful during the video creation process. They provided feedback by objectively assessing the problems we had and, based on that, we were able to create a higher quality video.

While I initially hesitated to take on a more active role in the video's creation due to concerns about language proficiency, I recognized the value of challenging myself to communicate in English. This experience served as a valuable reminder of the importance of stepping outside one's comfort zone in order to grow and develop new skills.

3 Conclusion

Both assignments challenged me to step outside my comfort zone and try new things. These assignments provided valuable opportunities for collaborative learning and personal growth. Through these exercises, I was able to hone my communication skills and deepen my understanding of key concepts in cognitive science. These assignments taught me the importance of collaboration, creativity, and problem-solving. We learned that seeking guidance from peers and challenging oneself to communicate in a new language can lead to growth and development. I also recognized the importance of creating clear and engaging educational resources, which can be a valuable tool for learning complex concepts.

In conclusion, my experiences with the tasks including Python implementation assignment and the video assignment allowed me to develop important skills and perspectives. I am grateful for the opportunity to work on these assignments and the lessons I learned from them. Through collaboration, critical thinking, and communication, I was able to deepen their understanding of complex concepts and contribute to the creation of educational resources. These lessons can be applied to other areas of life and can lead to continued growth and development as a cognitive scientist.