

HUDK 4050 Reflection

With the pervasive use of the Internet, areas such as artificial intelligence and big data are ideal for Python. The reason I took this course in the first place was to learn a new skill and enhance my resume as well as having a better working experience in the future. In this semester, I have gained some understanding of Python by learning the basic knowledge in HUDK 4050. Python is a very promising high-level language that has played an increasing role in programming over the years.

In the first class of learning Python, its initial impression on me was easy-to-use. Its interface was more concise and clear compared with the Stata programming language I had learned. Besides, it focuses on problem solving rather than syntax and structure. However, it's not always easy to learn new things, plus I did not have a solid coding background. When I started learning Python, I was craving to fully understand and memorize every piece of code. I felt insecure when I saw unfamiliar interfaces, program syntax I had never seen, and sudden errors pumped out; they all ended up with me blaming myself for the lack of talents on coding. But the truth is, learning Python is about making mistakes! Changing the code step by step push me to have a profound awareness of the problem .

From basic code to machine learning to data visualization, the success of every line of code made me surprised and full of sense of achievement. In addition, Professor Lukas' earnest but not harsh teaching method had spared me much pressure. In stead

of setting rigorous rubrics on grading system, he was more concerned about our learning process. The unique instruction framework also provide me sufficient time to work on my own. Therefore, I have found fulfillment, confidence and courage through every assignment I did in this class. Although I only learned the basic aspects of Python in this semester, but it has fully attracted to me, and I will keeping practicing Python in continuous learning.