Computer programming – 3 (I am new to Python, SAS, and R. As a software tester, I don’t program daily as part of my job.)

Math – 3 (It’s been a long time since I studied formal math.)

Statistics – 3 (It’s been a long time since I studied formal statistics.)

Machine learning – 1 (I know very little on this subject.)

Domain expertise – Test Design, Test Case Development – 5

Enterprise Retail software – 4

Geophysics – 3

The process of systems/software product/project development - 5

Person who learns new systems, processes, and requirements in order to become an expert user and test that product. - 5

Communication, presentation skills – 4 (As a software tester, communication is vital to my job.)

Data visualization – 4 (As a person who uses, tests, and evaluates software applications and graphics.) 1(As a programmer who writes the code that does the actual visualization.)

The skill I think will improve the most over the course of the entire M.S.D.S. is using formal statistics as part of test development. I think that my programming will be a close second place. While I have programmed as my job in the past, it has been a long time since I programmed daily.