Unit 10 – Reflection:

During Week 10, my focus was on the practical aspects of testing code in Python. The main goal was to ensure that the code met the standards code requirements and was thoroughly tested for functionality and correctness. Additionally, I explored approaches to packaging the code user-friendly and documenting it effectively because I needed solid bases for my next assignment's learning.

While I remember the topics I studied this week, I exposed myself to technics and learning I wasn't aware of, like applying unit tests and the importance of unit testing. I learned how to write tests to ensure the correct functionality of my Python code using the Pylint tool for code style checking testing, which automates reviewing the stylistic correctness of the Python code. I have been exposed to commenting and documenting code. Still, I have explored different approaches to commenting and writing my code effectively, providing explanatory information within the code and making it easier for others to understand our intentions and the purpose of specific code sections, which makes me reflect on my progress throughout this unit. I can categorically affirm that with these experiences, I gained and learned more reliable and robust knowledge that will make me an integral part of my development workflow.

Week 10 provided valuable insights into testing code in practice and ensuring its quality through proper packaging and documentation. These skills are essential for delivering reliable and well-structured software solutions. I am excited to apply these concepts to finalise my code for the next summative assessment, which has been consuming my time thinking about what I need to improve and make it better.

This learning has improved my knowledge above what I was expecting, and I become more passionate about programming. Still, to practice my code, read and take notes,

and research, these all processes have been taught for someone who starts at work from 8 am to 5:30. As my mom used to say, 'who runs with pleasure does not get tired', and this is exactly what is happening to me, I have been studying this module with pleasure because is part of my future to become a good analyst, and despite the fact, at the moment, being far from be a good code, still I have now gained the foundation for that path. I am confident that with more dedication, I will get there.

Also, in addition to all this week's learning, I continue to build my e-portfolio and reflect on my experiences and learnings throughout this unit on researching my learning outcomes and preparing for the next week's assignment.