<u>Action Plan Based On The Professional Matrix</u>

Observing the results of my skills matrix, I have chosen *five areas or topics* that I should aim to develop over the next 24 weeks. I have only chosen five topics due to the complexity of the final two. These topics will build a strong foundation moving forwards into other modules and professional directions. I think that the longest and most in depth topic will be in the area around risk quantification and simulation models.

The first 12 weeks will consist of learning about *Networking* (Design and Sensitive data protection architecture) (Genua, 2022) with the aim of achieving the level of "Trained".

Weeks 12-18 will be spent completing an additional *Kali-linux* course (TCM, 2022) with the aim of achieving the level of "Proficient".

weeks 18-24 will be used to learn more *Python* for hackers (TCM, 2022), with the aim of achieving the level of "Proficient".

Due to the size, complexity and reduced amount of available content of building Cyber Risk Quantification models and documentation, I will spread the topic over the full 24 Weeks to run parallel to my other projects.

I would like to *Create documents for learning Cyber Risk Quantification* with the long term aim of achieving the level of "Expert".

Additionally, I will also dive into learning *Monte Carlo Simulation and other Risk Quantification Models*, also, with the long term aim of achieving the level of "Expert"

This action plan will develop my ability exponentially to assess, develop and implement effective Cyber risk management policies and procedures with a focus on securing sensitive data.

<u>References</u>

Genua (2022) Protection of Classified Information. Available from:
https://www.genua.eu/field-of-use/protection-of-classified-information

TCM, (2022) TCM Security Academy. Available from: https://academy.tcm-sec.com/

TCM, (2022) Python 101 for hackers. Available from: https://academy.tcm-sec.com/