**Seminar activity – Unit 8**

* Why did you select the algorithm you chose for encrypting a text file?
  + An algorithm that met current security standards such as FIPS 140-2 and FIPS 197 was used to encrypt a text file (Barker & Mouha, 2017).
* Would it meet the GDPR regulations? Justify your answer.
  + The GDPR does not enforce any encryption requirements (Tankard, 2016). Nevertheless, it requires applying security measures to protect files and their associated data, thus safeguarding their privacy, integrity, and confidentiality (Tankard, 2016). As the chosen encryption algorithm is appropriate in this case, it would meet GDPR regulations.

**References**

Barker, E., & Mouha, N. (2017) *Recommendation for the triple data encryption algorithm (TDEA) block cipher* (No. NIST Special Publication (SP) 800-67 Rev. 2 (Draft)). National Institute of Standards and Technology.

Tankard, C. (2016) What the GDPR means for businesses. *Network Security* 2016(6): 5-8.