Security Awareness Training Program

Our first project is based on training small and medium companies to ensure that their employees and collaborators will be able to reduce the risk of human error such as clicking on malicious links or falling for phishing scams. We are going to divide the training into 4 topics: personal devices, passwords, phishing attacks and suspicious URLs.

1. Personal devices: We are going to demonstrate to them how to choose and install an Anti-virus software based on their need, role and level of risk.
2. Passwords: How to build a good and strong password, pointing out the bad things to avoid and reduce risk. The use of password managers, software able to generate complex passwords for all accounts.
3. Phishing attacks: How to avoid having sensitive information leaked such as passwords, usernames, bank account information, credit cards, etc. Ways most used for attackers to reach people can also be conducted by text message, social media, email, or phone. The collaborator will be able to identify and report suspicious phishing attempts (IT Governance, 2016).
4. Suspicious URLs: How to identify and avoid malicious websites and links, based on the most recent technology and improvement of AI. Showing study of cases and sophisticated approaches from cybercriminals.
5. Social engineering: Identifying the behaviour and approach of social engineers to manipulate, influence and coerce people, in order to access internal data or steal sensitive information.
6. Data leakage: Consequences and types of data leakage, how to procedure in case of damage and corrupt databases. Prevention tools, to help the team to avoid accidental exposure and identify suspicious intentional breaches. Note that only in Ireland the number of personal data breaches from 25 May 2018 to 27 January 2023 was 29.692 (Petrosyan, A. 2023).

Reference List

IT Governance (2016). *What is phishing? Everything you need to know | IT Governance UK*. [online] Itgovernance.co.uk. Available at: <https://www.itgovernance.co.uk/phishing>.

Petrosyan, A. (2023). *Number of personal data breaches in Europe 2022*. [online] Statista. Available at: <https://www.statista.com/statistics/1203667/total-personal-data-breaches-europe/#:~:text=Since%20the%20General%20Data%20Protection>.