(Abdulhak,2021) Initial post highlighted the effect of COVID-19 pandemic and remote work on increasing the cost of data breach according to (Cost of a Data Breach Report 2021, 2021) report. In addition, as a result of applying a curfew to ease the infection organizations promoted their staff to work from home, and with the transfer to digital era and online, on the other hand, there is an increasing the frequency of cyberattack which affected organizations such as Microsoft, Facebook and others (Bekker, 2021) which are big-name businesses which means that the small and medium businesses are at high risk. Additionally, investment in cyber security it a crucial to keep data safe, prevent unauthorized access and avoid financial loss.

Three peer response posts to the initial post discussed the ideas above as the following: (Callaghan, 2021) focused on the risk on small-to-medium size companies and provided many arguments such as small-to-medium size businesses depend on large business to provide them with solutions because they do not have resources and capabilities, and providing policies not its responsibilities, moreover all size businesses have awareness of cyber risks, I partial disagree about idea the awareness in cyber risk which all size businesses' have, according to (Australian Cyber Security Centre (ACSC), 2020) survey, 80% of small and medium-size business know the important of cyber security, however, 1 of 5 did not know what is the meaning of “phishing”, moreover half of them low level of cyber security understanding with poor practice, moreover half of them have low level of cyber security understanding with poor practice, additionally they do not fully know the risk or have procedures and contingency plans with low level of cyber security awareness (Lifshitz, 2021) ;

On other hand, (Mundy, 2021) agree with the initial post and made an interesting about the risk on the small and medium business and its effect even the cost of data breach would destroy them financially and will suffer of recovering or fines could paralyze its future business, I do agree with about the severe impact of data breach on small and medium business, (Oman Bulletin, 2021) demonstrates increasing the average cost of data breach to $3.8 million which represent a major financial damage for large-size business, while will completely death for small and medium-size business;

(Chan, 2021) highlights the significant of awareness in challenges due to COVID-19 and remote work and mentioned Zoom application as example, in addition starting business with no efficient security will lead to massive cost of data breach in future. Fully agree with Ying, COVID-19 pandemic change the world and style of life, according to (UK National Fraud & Cyber Security Centre, 2020) the fraud reports increase by 400% in March 2020 which are related to coronavirus.

In conclusion, no doubt in the importance of cybersecurity, and the importance of investment in cybersecurity, which is an economic priority next to being a security issue at the level of individuals, institutions and countries, the protection of data will contribute to the preservation of society as a whole.

References

Australian Cyber Security Centre (ACSC), 2020. *Small Business Survey Results*. [online] Available at: <https://www.cyber.gov.au/sites/default/files/2020-07/ACSC%20Small%20Business%20Survey%20Report.pdf> [Accessed 27 August 2021].

Bekker, E., 2021. *2021 Data Breaches - The Worst Breaches of the Year | IdentityForce®*. [online] We Aren't Just Protecting You From Identity Theft. We Protect Who You Are. Available at: <https://www.identityforce.com/blog/2021-data-breaches> [Accessed 13 August 2021].

Callaghan, J., 2021. *Collaborative Learning Discussion 1*. [online] Available at: <https://www.my-course.co.uk/mod/hsuforum/discuss.php?d=270361> [Accessed 27 August 2021].

Chan, Y., 2021. *Collaborative Learning Discussion 1*. [online] Available at: <https://www.my-course.co.uk/mod/hsuforum/discuss.php?d=270361> [Accessed 27 August 2021].

Ibm.com. 2021. *Cost of a Data Breach Report 2021*. [online] Available at: <https://www.ibm.com/security/data-breach> [Accessed 14 August 2021].

Lifshitz, A., 2021. Stand Alone, Together: Why SMBs Need Standalone Cyber Cover. *Insurance Journal*, (99), pp.44-46.

Mundy, A., 2021. *Collaborative Learning Discussion 1*. [online] Available at: <https://www.my-course.co.uk/mod/hsuforum/discuss.php?d=270361> [Accessed 27 August 2021].

Oman Bulletin, 2021. Cybercriminals narrow their focus on SMBs according to a mid-year Cyberthreats Report by Acronis.