

1. RESEARCH PURPOSE

a) Overall research question

What tools do organizations use to measure security awareness levels of users as regards modern cyber threats?

b) Research Objectives

To identify the modern cyber threats

To create security awareness models

To provide security awareness programs

To identify ways to moderate cyber threats

c) Anticipated outcome and contribution to knowledge

B. Background context of the proposed research

It has most of the popular organisations face the issue of data breach despite provision of tight security. It is evident that almost 39 million of users have suffered from this issue, as their credit card passwords were hacked (Talesh, 2018). It can be also noticed that 145 million of users have been hacked from the popular organisation in UK in the year of 2014 (Tabassam, 2017). It has become a threat to an organisation, also it is increasing every day for ignorance of people.

1. Justification of the need for research question

The above research question is highly necessary to invent and understand the ways of preventing hacking. As per the recent records, it can be identified that most of the organisations and people are getting affected on a daily basis for this issue, moreover this issue is getting powerful daily. This research will be highly beneficial to detect the risk factors for data breach, and a proper solution can also be invented by this research to resolve the issue of data breach.

2. Importance of research

This research on data breach despite tight security, is highly important for nowadays, as the threat of data breach and hacking become a major issue. Despite cyber practice and tight security to defend computer networks and data against hackers, a huge amount of data is breaching and getting published by hackers. The malicious attack to the computers has become much higher and it can be predicted that in the upcoming few years almost every network and most of the vital data will be accessed by hackers (Pozgar, 2019). It is recorded that almost 3,950 data breach incidents have been found in 2020, also 280 million web sites are unprotected still now (Hadi, Abdullah and Sentosa, 2016).

3. Main findings from Element 1

In the part of element 1, reasons for choosing research topic, and specification of the database can be identified. Apart from this inclusion and exclusion criteria, limitations of literature review and depth of the research can be discussed. Also, expectations and difficulties of the research can be encountered by element 1. The reasons for choosing such data bases also can be explained from the part of element 1.