

Research Skills 1 – RSC777

Assignment : to show a research paper that is based on descriptive method while showing what descriptive method were used

Article title: A Descriptive Study on Cybersecurity Challenges of Working from Home during COVID-19 Pandemic and a Proposed 8 step WFH Cyber-attack Mitigation Plan

Prepared by Abdulaziz Alarfaj

the article follows the descriptive approach in the following ways

1. Objective Description of the Situation: أسلوب تحليل المحتوى

- The article describes the cybersecurity challenges faced by organizations and employees during the COVID-19 pandemic, particularly in the context of remote work. It provides a detailed account of the increased risks, such as phishing, ransomware, and DDoS attacks, without attempting to establish causal relationships or test hypotheses.

2. Survey-Based Data Collection: الأسلوب المسحي

- The study uses a survey to collect data from 109 professionals working from home. The survey results are presented descriptively, with percentages and proportions used to summarize the responses. For example, it reports that 62.4% of respondents experienced an increase in phishing attempts and spam emails.

3. Focus on Awareness and Current Practices:

- The article aims to measure employee awareness of cybersecurity risks and describe the current state of security measures implemented by companies. It does not attempt to predict outcomes or establish cause-and-effect relationships but rather provides a snapshot of the situation.

4. Proposal of a Framework:

- While the article proposes an 8-step mitigation plan, this is based on descriptive findings from the survey and existing literature. The framework is presented as a practical solution to the described challenges, rather than being tested or validated experimentally.

5. Use of Existing Data and Reports: أسلوب تحليل المحتوى

- The article references external sources, such as FBI reports, Interpol data, and industry surveys, to provide context and support its descriptions of the cybersecurity landscape during the pandemic.

In summary, the article primarily describes the cybersecurity challenges of remote work during COVID-19, presents survey findings, and proposes a mitigation framework based on these observations. It does not involve experimental testing or hypothesis-driven research, which aligns with the descriptive research approach.