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CIS 356: Fundamentals of Cybersecurity and Intelligence Gathering - Case Study Assignment

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CIS 356-ZI81: Intermediate-Level Topics in Computer Applications (Spring 2020)

Case Study

From the following set of landmark cases, select one and in no more than a page (if you feel you need more than a page, you are welcome to do so, but remember, your goal is to explain the incident to someone that doesn't know cybersecurity – Plain speak is the best way to do that):

- Summarize the incident (who, what, where, why, when, how)
- What vulnerability was exploited?
- What was the risk?
- What was the impact?
 - Hint: Information that was stolen, reputational damage, asset hacked, damage to stakeholders (number of customers, shareholders, etc.). Quantify the impact. Number of customers impacted, dollar value of loss, etc.
- What did the company do to remediate the attack?
- Do you think the company responded responsibly? What could the company done differently to prevent the attack?
- What would your advice be to the company and other enterprises to prevent such attack?

Your report should be single spaced, and font should be Calibri size 12. Please site all your sources in your report. Due on May 14, 2020. Please submit your report to my Lehman Email address. No late submission will be accepted.

Cases to choose from:

- Equifax data breach of 2017
- LinkedIn data breach of 2012
- Marriott International data breach of 2018
- MyFitnessPal data breach of 2018
- Yahoo data breach from 2013 – 2016 – The breach was disclosed in 2016, but mentioned both