

Assignment One - INFO 6010 – Winter 2023

Assignment Value: 15% of final grade.

Due Date: See Submission Folder for date and time

Assignment Instructions:

This assignment requires you to conduct research into an information security topic (details below). You are given some guidance (in the form of questions) to help you along. **This paper must follow APA6 or APA7 formatting, style, and referencing.**

Your answers need to address the questions in a way that shows depth and critical thinking/analysis, to do that - **1000 words is the absolute minimum**, so it needs to be substantially more than that to do justice to the subject. These questions allow you to show how you can **apply** the knowledge gained from the course so far, along with how well you **understand** the key concepts. Always explain your rationale (reasons) for your comments. Be concise in your writing – “filler words” will negatively affect your grade.

This is a formal research paper. It requires a title page, an introduction, body, and conclusion (I do not want to see these terms as titles in your answer). Ideas should flow together. Imagine you are writing this as a requirement for a job application, for example. Use as many resources as you feel are appropriate, and **cite your references correctly.** **Do not “copy” information from other sources unless absolutely necessary and relevant.** You must reference **ALL** material that informs your response, regardless of whether you quote it directly.

Lastly, when it comes to references, you are encouraged to use academic, peer-reviewed references (research papers, journals, books, etc.). You **can** use blogs, wikis, videos, and other web resources, but note that these types of sources are not as credible as academic sources.

Assignment:

Please read the article published by the Infosecurity Magazine: Toyota Admits Decade-Long Data Leak Affecting 2.15 Million Customers: <https://www.infosecurity-magazine.com/news/toyota-admits-decade-long-data-leak/>.

Start with the link provided and any additional research to answer the questions below.

- 1. Identify and briefly describe the breach and the potential impact on Toyota customers.*



2. *Similar to the above question. What are the goals of this data breach and how does this impact Toyota as an organization?*
3. *Is obtaining this information a crime or not? Simply put when is it a crime and if it is not a crime when and how would that be?*
4. *What should Toyota review and consider changing to protect their customer information? Does this type of breach, a cause concern, for the protection of Toyota's intellectual property from an attack by someone who is outside your organization?*
5. *Similar question to the question above but this time How would you protect your intellectual property from an attack by someone who is on the inside of your organization?*

Course Learning Outcomes (LOs) Addressed

This course covers the information security common body of knowledge (CBK) and as such you will need to exercise knowledge, skills and critical thinking associated with each of the ten learning outcomes described in the course outline.

How to Submit your Assignment

Submit your answers in a word document to the course FOL site under Submissions > Evaluations > Assignment 1. Late submissions will not be accepted.

