Assignment 4 and 5: Summer 2023 – Due Aug 06, 2023. This assignment is worth 10 marks.

Please have a title page which includes:

* Your Full Name,
* Student ID,
* Course Name,
* Assignment #,
* Date,

For this Assignment please use:

* Calibri 11 Font.
* 1.5 spacing in your response.
* No more than 2 pages.
* If you are to “plagiarize” please cite your work.
* For responses which are cut and paste, these will receive an immaculate “0”.

When saving your file, please use the convention of:

* Last Name Course#, Assignment # and Date.

**Failure to follow these simple rules will result in close to an immaculate “0”. 😊 No kidding!**

Tableau Online is a SaaS of interactive data visualization and data analytics products focused on business intelligence.

Your internal audit department’s goal is to promote internal controls and to help the company develop cost-effective solutions for addressing issues. Your responsibility as an auditor is to add value to the company via its specific area of expertise—**in your case managing data.**

Recall that in your INFO 6008 days you were introduced to **Generalized Frameworks**. See below as well as the attached article titled ***“Auditing New or other Technologies”*** (also discussed in class).

**Generalized Frameworks**

Generalized frameworks are useful in meetings when you’ve been put on the spot to come up with questions and possible risks associated with an application, technology, or project. You might even find yourself walking into a meeting, taking out a blank sheet of paper, and writing “PPTM,” “STRIDE,” and “PDIO” (as explained in the following sections) at the top before the

meeting starts. Then, as you discuss the system or project under review, you can ask questions and take notes regarding how each element of each framework is being addressed. At the end of the meeting, if you find “blanks” by any of the framework elements, it’s possible that you’ve discovered a gap in the controls. This sort of quick-and-dirty thought process should never take the place of detailed and thorough testing, of course, but it can be useful when you’re participating in initial discussions and consulting on controls. And these same frameworks can be helpful as you develop detailed audit steps for new technologies or systems under review.

**Choose one of the General Frameworks or elements of all three frameworks (PPTM, STRIDE or PDIO) and determine if Tableau should be implemented for your company. Remember this is a “quick and dirty” response to an initial meeting regarding Tableau. It is not an in-depth audit of controls in place.**

**Your task is to evaluate Tableau’s offerings for this assignment by using one or part of all three elements of the General Frameworks and determine if there would be any gaps in controls by implementing Tableau as your company embarks on BI and Data Analytics.**

**Assess if Tableau would fit into your organization’s structure - explain your reasoning. You may have to assume a certain existing network/system structure.**