ARTEC2023 ASSIGNMENT 02
(Due Date: October 11, 2023)

Instructions: The following points should be noted.

- If you use a word processing software to edit your answer, please make sure that the file to be submitted is either in WORD or PDF format.

- You need to submit the answer file before the due date to the Gmail account `johnsum.nchu@gmail.com`.

- Email heading must be conformed to `ARTEC2023_Assignment02_studentID`.

- File name must be conformed to `ARTEC2023_Assignment02_studentID`.

- It is a bonus assignment. If you are too busy to complete the assignment, you can just skip it.

You can also upload your answers on your homepage.

The assessment of this course is solely depended on your work in the course project including your written report and your oral presentation. The score obtained from this assignment is bounce which is added up on top of your project score.

Introduction

The questions included in this assignment are related to the journal article distributed in the lecture.

Borges, A. F., Laurindo, F. J., Spínola, M. M., Gonçalves, R. F., & Mattos, C. A. (2021). The strategic use of artificial intelligence in the digital era: Systematic literature review and future research directions. *International Journal of Information Management*, 57, 102225.

This paper is a good example to let you learn how to write a survey paper. All survey papers must have the following contents to be added.

(a) Briefly introduce the topic (resp. area) to be surveyed, with a brief history of AI and its use in business administration, operational management and marketing.

(b) From the authors' perspective, research works are categorized in different lines of research directions. The research works are thus summarized in accordance with the categorization. Comments (including but not limited to overlooked issues and limitations) on a category of research works are added after the research works under the category have been summarized.

(c) Some authors might follow those researches, with overlooked issues and limitations, and conduct researches with (slightly) modification on their original research methods. If it is the case, the research results should be added in the comments. The detail results are added either in the *Appendix* or *Supplementary Material*.

(d) A complete picture (resp. framework) is laid for the research works which have been and should be investigated under the topic (resp. area).

(e) Potential future researches, with suggestions on their research methods, are presented.

The questions and answers will be discussed during the lecture on October 11, 2023.

Questions

1. What is the latest impact factor of the journal '*International Journal of Information Management*'?

2. From the *Web of Science*, which categories this journal has been included and what is its ranking in these categories?

3. On the title of the paper, the authors use the phrase *the strategic use of AI* instead of *the use of AI*. What is(are) the possible reason(s) for this?

4. In Table 5, the authors have listed some potential future researches. Check if the authors have published any paper related to these future researches **after** this paper has been submitted in 2019. [Hint: Check from the Google Scholar.]

5. It should be noted that the authors of this paper are affiliated with Brazilian universities. Check out the rankings of these universities in accordance with the latest *Worldwide University Ranking* from the *Times Higher Education*.

6. Check out if the authors did any related research work **before** this paper was submitted in 2019. [Hint: Check from the reference list of the paper.]