**Homework 5: Using AI in Your Research (19 points total)**

**Group #\_\_**

If you want to be graded for your individual questions only, please indicate this next to your name. If you want to be graded as a whole group (or any other combination of individual and group grading), please also write this.

* **Example: Rita El-Haddad, graded individually (Q1, Q6)**

Student Names and ID Numbers:

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2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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**Learning Objectives:**

-Formulate research questions and keywords.

-Use different AI tools to conduct academic searches to retrieve scholarly journal articles

-Compare and contrast search results from AI tools and the AUK library catalog

# If you use AI to answer a question, cite which program you used and write down the prompt.

**Part 1: Formulate research question**

**Think of any topic/subject you are interested in.** Write down your research question based on that topic.

**Example:** Research Question: How is climate change affecting polar bear populations in the Arctic?

1. Your Research Question (1 point):
2. Using the framework: task + topic + location, write a prompt to instruct the AI tool (1 point):

**Part 2: Searching Using AI Search Programs:**

Type in your research question using theAI tool indicated and find one relevantscholarly journal article based on your research question. Then type in your research question using **a different** AI tool indicated and find a **different** scholarly journal article (**please do not include the same article multiple times even if you found them using different tools**).

1. Scholarly Journal Article from **SciSpace** (<https://scispace.com/>): (3 points):
   1. Title of scholarly journal article (1 point):
   2. Provide a link to the article (1 point):
   3. Provide a screenshot of the search results (take a picture of the results screen on the AI tool before you click on the article) (1 point):
2. **Different** scholarly Journal Article from **Perplexity** (<https://www.perplexity.ai/>): (3 points):
   1. Title of scholarly journal article (1 point):
   2. Provide a link to the article (1 point):
   3. Provide a screenshot of the search results (take a picture of the results screen on the AI tool before you click on the article) (1 point):
3. **Different** scholarly Journal Article from **ChatGPT** (<https://chatgpt.com/>) **OR Microsoft Co-Pilot** (<https://copilot.microsoft.com/>): (3 points):
   1. Title of scholarly journal article (1 point):
   2. Provide a link to the article (1 point):
   3. Provide a screenshot of the search results (take a picture of the results screen on the AI tool before you click on the article) (1 point):
4. Between the three AI tools you used for academic searching, which one did you find the most useful? Why? (2 points):

**Part 3: Comparing AI Search Programs to Library Databases:**

**Write down keywords for the original research question you had.**

**Example:** Keywords: Climate Change, Polar Bears, Arctic, Population

1. Keywords (1 point):

Type your keywords in “**Search All**”(<https://www.auk.edu.kw/academics/Library>)and look at the search results.

1. Reflect on using AI Tools and the AUK Library (5 points):
   1. Provide a screenshot of the search results (take a picture of the results screen showing the first 5-10 results) (1 point):
   2. Have a look at the first 5-10 search results on Search All and describe how the sources are similar/different than the AI search tools (2 points):
   3. Overall, which did you find better for academic searching, AI Tools or the AUK library? Why? (2 points)