# DSA 557 1.0 Scientific Writing and Communication: Assignment 1 ()

**Total marks: 50 marks**

Assignment release date: **2 December 2023**

Due date: **10 December 2023**

Late submission: I will not accept any submissions after December 15, 2023. A penalty is applied for submissions after December 10, 2023 (-2 marks for each day).

## Assignment description

The goal in this assignment is to write a literature review paper (of approximately 1,500 words) on the topic of machine learning applications in medicine and health care.

Use the list below as a guide when writing your review paper

- An overview of the major applications in different fields in medicine and health care

- A review of the approaches used in different applications

- For each approach: discuss the problem(s) it addresses, methods used, theoretical foundation, the results of this approach, and any unresolved issues and study limitations.

- A description of the challenges for future research.

For assignment DO's and DONT's read https://www.cdu.edu.au/sites/default/files/academic-integrity/docs/checklist-plagiarism-2017.pdf

**Format**

Papers should be approximately 1,500 words (author information, title, abstract, and the list of references are excluded from the 1,500 word limit). Citations and references can be in any common format (APA, Chicago, or ACM are acceptable, for instance).

## Submission

Submit PDF file.

Submit your files via LMS.

## Marks

1. Factual correctness, completeness of the answer, and accurate formatting and style of writing: 15

2. Synthesis and critical analysis of the topic: 15

3. Methodological explanation of the concepts: 20