

# DSA 557 1.0 Scientific Writing and Communication: Assignment 1

**Total marks: 50 marks**

Due date: **2 December 2023**

**Objective:** To enhance students' skills in critically analyzing and presenting research articles in the field of data science and AI.

**Instructions:**

1. Research article Selection:
  - (a) Choose a research article published in a reputable journal. conference proceedings or arXiv.org e-Print archive related to data science and AI.
  - (b) Ensure the selected article covers key aspects such as Introduction, Literature Review, Methodology, Results, Discussion, and Conclusions.
2. Presentation Preparation:
  - (a) Use Overleaf Beamer for preparing the presentation slides. If any other software is used, marks for this component will not be awarded.
  - (b) Aim for a total presentation time of 8 minutes.
  - (c) Presentation Structure:
    - i. Introduction
    - ii. Literature Review
    - iii. Methodology
    - iv. Results
    - v. Discussion and Conclusions
    - vi. Your Review on the Paper
    - vii. You are encouraged to incorporate additional components as needed for a comprehensive and insightful presentation

**Grading Criteria**

1. Use of Overleaf Beamer:
  - (a) Effective utilization of Overleaf Beamer.
  - (b) Consistency in formatting and style.
  - (c) Proper integration of text, images, and data visualizations.
2. Aesthetic Appearance, Clarity, and Flow:
  - (a) Professional and visually appealing design.
  - (b) Clarity in slide content and organization.
  - (c) Smooth flow from one section to another.
3. Content Coverage:

- (a) Adequate coverage of each key point: Introduction, Literature Review, Methodology, Results, Discussion and Conclusions, Your Review.
- 4. Time Management:
  - (a) Adherence to the 8-minute time limit.
  - (b) Balanced distribution of time across sections.
- 5. Scientific Writing:
  - (a) Clarity and precision in language.
  - (b) Proper citation of sources and references.
  - (c) Logical organization of ideas and arguments.

### **Submission:**

- Upload your presentation slides to the LMS
- Presentation during the time allocated.

### **Please note that**

**Late submissions are not permitted and extensions will be made in exceptional circumstances only.**

### **Requesting a deadline extension**

You are allowed to apply for a deadline extension for the assignment under the following conditions only.

#### **Category A**

An illness that requires the student to miss all of his or her classes for 2 days or more.

#### **Category B**

A period of grief for the loss of a family member or friend.

#### **Category C**

A family emergency.

Valid documentation of proof is required prior to the assignment deadline.

The philosophy driving our late policy has three goals

- Keep things fair.
- Encourage good time management.
- Encouragement and appreciation of on-time submission students.