**Project 1 (Spring 2024):**

**Sentiment Analysis on Movie Reviews**

#### Project Description

This project is an individual project. In this project, you are expected to solve the classification problem on movie reviews. Movie reviews have two different sentiments (positive or negative), please train machine learning models to classify movie reviews into correct categories (1 for positive 1 and 0 for negative).

#### The problem-solving process includes data exploration, data preprocessing, modelling, and results summarizing.

#### Important Dates

* Project Start
  + **Feb 19, Monday**
* Project Due
  + **March 7, Thursday midnight**
  + Submission includes a pdf report and code.

#### Total Points

* 100 (One Hundred)

## **Deliverables**

* Final submission. You are expected to produce and submit a PDF report on your project, please complete with a detailed process of data exploration, preprocessing and modelling, as well as a careful model evaluation. Please don’t include your code in the report! Please compress the report and your code into a zipped file and submit it in BrightSpace.

## **Grading**

* **PDF Report (50 points)**
* **Code (50 points)**