# Datamining Assignment 1

**Assignment Description**

The first assignment aims to learn how to use **LaTeX based on overleaf platform**. (From the second homework, you will receive programming and theoretical derivation homework.) Through this assignment, you have to write formulas and texts in the distributed '**practice.pdf**' file as it is. You can refer to the distributed '**template.tex'** file and complete the homework. LaTeX commands corresponding to question 1 of 'practice.pdf' is provided in **'template.tex.'** Please complete the rest of the questions by referring to the **'template.tex.'**

Please read the instruction carefully. If you have questions regarding the homework, **please use the discussion board**. TA will not reply to emails regarding assignments to avoid any possible information disparity between students. Please submit your Assignment to the blackboard.

- ✓ **Due Date :** 2022.03.11(Friday) 10pm Korea Standard Time.
- ✓ **We will not accept late work!**
- ✓ **Submission format :** Please submit a .zip file containing the below two files. Follow the naming rule as stated.

{your_student_ID}_Assignment1_{your Name}.zip
{your_student_ID}_Assignment1_{your Name}.pdf
{your_student_ID}_Assignment1_{your Name}.tex

Ex. 20205295_Assignment1_HyewonKang.pdf

**Collaboration Policy & Academic Integrity**

- Study groups are allowed, and students may discuss in groups. However, you cannot discuss or share solutions openly through Kakao open group chats, Chegg, or any other places where it is not legitimate. The discussion should only be "high level" and "general." We expect students to understand and complete their assignments. Each student must write down the solutions independently.
- If you worked in a group, please put the names of your study group on your Assignment on top
- You are not allowed to contact the TA for help personally. Please use the discussion board.
- HONOR CODE: we take the UNIST student HONOR CODE seriously. Any form of cheating and plagiarism is not allowed.

**Direction**

- By means of LaTeX on the overleaf platform (www.overleaf.com), try to reproduce the formulas and texts in the '**practice.pdf**'
- You have to submit both **'tex', 'pdf'** files, which have to be created through the overleaf platform.
- You don't need to mimic the entire structure of the **'practice.pdf'** overly meticulously.
  - The purpose of this assignment is to let you be accustomed to using overleaf platform!
  - If you just code all the contents in the **'practice.pdf'** via **overleaf**, you will receive full credits!
- You have to add your own image under the question number 4 ('Estimation method derivation') of the '**practice.pdf**.'
  - You can add any types of images under the question.
  - Your 'tex file' has to include **LaTeX command** for the purpose of image insertion!