IE30301-Datamining Assignment 3

Assignment Description

There is only one type of problem sets for this Assignment3: **Theoretical Derivations (100 points).** The description for the Assignment is below. Please read the instruction carefully. If you have questions regarding the homework, <u>please use the discussion board</u>. 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:** <u>2020.05.13</u>(Thursday) 10 pm Korea Standard Time.
- ✓ **We will not accept late work!!**
- ✓ **Handwriting is only allowed for Exercise 5 in TheoreticalHW. You may take a photo or write in digital tools such as Ipad. Paste your solution in your submission file.**
- ✓ **Submission format:** Please submit a .zip file containing the below **two** files. Follow the naming rules as stated.

your_student_ID_Assignment3_your NAME.zip

       your_student_ID_TheoreticalHW3_yourNAME.pdf

       your_student_ID_TheoreticalHW3_ORIGINAL_yourNAME(.docx or .tex)

Ex. 20205318_ProgrammingHW3_HongGilDong.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 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.
- ✓ It is not allowed to get solutions from other students.
- ✓ If you referred to specific web pages or exterior materials, please write down the link on the Assignment.
- ✓ 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. Even if it is a trivial question, we are not allowed to answer. Please use the discussion board.
- ✓ HONOR CODE: we take the UNIST student HONOR CODE seriously. Any form of cheating and plagiarism is not allowed.

Theoretical Derivations

- **Directions :**
  - Solve the questions in 'IE30301_Assignment3.pdf.'
  - **Exercise 1,2,3,4** -> We will only accept typed-in file format, which means that we will not take handwritings. Files that are written on tablets (Galaxy Tab, Ipad, etc.) will not be accepted
  - **Exercise 5** -> We accept both handwriting and typed in files. You can write your results on a paper, take a photo and paste it on the solution sheet. You may use any digital writing solutions such as Ipad or Galaxy Tab. Please write your writing neatly and use a high resolution photo image. If the writing is illegible, we will not be able to give points.
  - Do not redistribute the paper or upload the questions online.
  - Please use **either *latex* or Microsoft *Word* to type in all your answers. Don't use both.** Convert your file to pdf format for submission.
  - There are a total of <u>5 exercises,</u> each with different points.
  - Copying code or solution → NO MERCY **F**