Case Study :: General Instruction

Group Formation

- For each case study, you will be randomly assigned into a group of 3 or 4 members in the same credit status. That is, a group will consist of either undergraduates only, graduate students only, or non-credit students only.
- For Case 1, your group will be announced on the day after July 15 (Wed), the last day to join or drop courses (set by the Harvard Summer School).
- For Case 2, your group will be announced on the day after July 22 (Wed), the Case 1 presentation day.
- Once you're joined into a group for a Case study, you are not permitted to leave and join another.

Group Project or Individual Project?

Case studies are made group projects (rather than individual projects) so that students achieve something useful in depth rather than just scratching the surface.

Case studies in this class are group projects but each member in a group should turn in also her/his own works in the following manners.

Imagine that 3 friends study mathematics together, and each of them tries to solve a quadratic equation. Final numerical solutions of the equation will be identical, but their handwritten works (approaches to derive the final solutions) will be different. They pick and present the best approach while submitting all the 3 methods they came up with.

Suppose that 3 students listens to a 5-min discussion between Prof. Rhee and a guest speaker. The students are asked to describe what they found and learned from the discussion. The 3 descriptions are likely different while they all are correct. The students share their thoughts, pick and present the best one while submitting all their descriptions.

Items to Submit

- **Each individual member** needs to submit R code **by Tuesdays 3 pm**.
    - All the works (both good and bad) done by each member.
    - Both Rmd and HTML files (in the form of last_name.Rmd and last_name.html).
    - Each file must include your group number and your name.
    - Each file must demonstrate unique R programming and data analysis performed by you only.
- **Each group** needs to submit presentation file **by Wednesdays 3 pm**.
    - This is where your group shows the best results.
    - Single file in ppt, pptx, or pdf.

- o   It must include your group number and the names of all members.
- o   Only one member in each team can keep submitting files (a restriction set by Canvas). So, in advance, please discuss and decide a member who will the presentation file to Canvas.

Presentation

- Each group will be given up to 12 minutes for presentation.
  - o   The maximum time limit will be held strictly (that is, your group will be asked to stop your presentation after the time limit).
- There will be 3 minutes between two presentations. This is for Q&A and setting up the next presentation.
- These time limits are subject to change. If changed, it'll be announced before presentations.

Evaluation

- 5 evaluation criteria are described in the instructions of Case studies.
  - o   R code and presentation files will be used for review and grading.
  - o   Each individual in a group should present a portion of the group's effort.
  - o   Presentations will also be graded on their use of data, code demonstration, strategic business thinking, succinctness, persuasiveness, qualitative understanding of the business objective, and overall presentation skills.
- Case studies are group efforts so a single grade would be given to everybody in a group in most cases. However, if imbalance of work efforts and qualities is clearly seen, different grades can be given to members in the same group.