**AIDM7330 A Proposal (Template) for the Final Presentation**

**Group Project**

* Group name:
* Group leader:
* Group members:

This is the proposal on a data exploration project for group brainstorming. Please complete this proposal as far as you can. No particular word limit but the entire proposal (with all the questions listed below addressed) should be no more than 2 pages (12-font, Times New Roman, single spacing). You can propose multiple projects/data sources then we will select the most appropriate (no more than 3).

Note: This is a part of your Group-based Assignment. Another component will be the final presentation.

1. Questions / objectives
   * Which issue/case/beat do you want to cover in this project?
   * What is the “problem” you can identify? (What)
   * What is your motivation and needs to do this project? (why – personal observations? Recent news? Etc.)
2. What has been said / a review of related works
   * Reviewing existing works (2 -3 pieces in English language will be enough, no more)
3. What are you going to present to the class?
   * Data sources (in English)
     + Data can be from various **readily available (open) data sources** or **scraped directly from the web**. Some examples (but not limited to):
       - International cross-national data: WTO data
         * <https://data.wto.org/>
         * <https://www.wto.org/english/res_e/statis_e/statis_e.htm>
       - International cross-national data: World Bank
         * <https://data.worldbank.org/>
       - International cross-national data: WHO data
         * <https://www.who.int/healthinfo/statistics/en/>
       - European Union Open Data
         * <https://data.europa.eu/euodp/en/data/dataset?res_format=http%3A%2F%2Fpublications.europa.eu%2Fresource%2Fauthority%2Ffile-type%2FCSV&sort=modified_date+desc>
       - HK Government Open Data
         * <https://data.gov.hk/en-datasets/format/csv?order=name&file-content=no>
       - HKBU library has a data repository
         * <https://hkbu.libguides.com/data-sources>
   * Data processing plan
   * Measurements/variables to for the visualization or analysis
4. How do you find answers?
   * Proposed data analysis and exploration
5. Storytelling & outputs
   * Medium of outputs (what kinds of charts will you be using)
6. Labor distribution matrix among the team members