

# **CPE 213 Data Models**

## **Project Presentation Guideline**

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### **Term Project**

Term project is a partial requirement of CPE 213 course. It aims to allow students to demonstrate their understanding in the actual work in data modeling processing and analytics. Students will work in group and select dataset to perform analytics in data science setting. Each group will present the result to the class at the end of the semester.

Each group can have up to 5 members.

Submit the following items to LEB2 before 19 May.

1. Jupyter Notebook of your work
2. Presentation file in PDF
3. The link to your video presentation.

### **Presentation**

Each group will have at most 15 minutes for video presentation. The required sections in the presentation are

1. Introduction to the problem
2. Analytic objective
3. Data description and preparation
4. Data exploration and visualization
5. Model explanation
6. Modeling implementation
7. Evaluation
8. Discussion and conclusion

### **Project Evaluation**

Projects will be evaluated based on the following criteria

- (1) [30%] Business and Data understandings: how well do you explain the problem at hand and the rationale of the analysis?
- (2) [30%] Analytic technical soundness: how well do you explain the technical aspects of the analysis?
- (3) [20%] Discussion and conclusion: how well do you present the result and make conclusion from them?
- (4) [20%] Presentation: how well do you articulate your presentation? Does the presentation convey the meaning effectively?