Project Presentation

### **Purpose:** Practicing presentation in a professional manner and understanding other projects

1. Search the internet to find out how to make an effective presentation. Include your references (articles, videos, etc.).

***References***

<https://biteable.com/blog/how-to-make-good-presentation/>

<https://www.wordstream.com/blog/ws/2014/11/19/how-to-improve-presentation-skills>

<https://www.youtube.com/watch?v=dEDcc0aCjaA>

<https://www.youtube.com/watch?v=V8eLdbKXGzk>

<https://www.skillsyouneed.com/present/presentation-tips.html>

<https://www.inc.com/geoffrey-james/3-ways-to-make-a-good-presentation-great.html>

<https://www.ncsl.org/legislators-staff/legislative-staff/legislative-staff-coordinating-committee/tips-for-making-effective-powerpoint-presentations.aspx>

1. List at least 10 points you need to follow to make an effective presentation.

1. Sum up with key words rather than full pages of words.

2. Make the presentation with moderate pages of slides.

3. Use color sparingly.

4. Practice before having a presentation.

5. Arrange slides in an organized manner.

6. Do not read from your own slides. The content of your slides is for the audience.

7. Sort out the key points in the first place.

8. Make a brief but comprehensive conclusion.

9. Structure your presentation with simple language.

10. Take a deep breath.

1. Make a 5-minute video presenting your project in FlipGrid under the topic “Project Presentation” (there is a guideline and an example). You can find the link to the FlipGrid group for your class among the Announcements on Blackboard.
2. Explain how you used each of the 10 points you listed in part (b) to improve your presentation.

1. I summarize the analysis outcome into three lines of words, and make sure they are the key factors of the presentation.

2. Controlling the total page used, can also bring about the attention of audience. For example, I used 14 pages as my PPT slides.

3. For using to many colors, the visualization would be less present. I chose black and green as the background color to make the pattern regularly.

4. This will increase the fluency overall. I have practiced three times before the presentation to make sure be on time.

5. Arrange the presentation can help me easy to elaborate the presentation from goal to detail.

6. I tried to avoid the situation that read all the words on slides, just pick some key words or essential factors. All in all, the slides are prepared for audience.

7. In a presentation, I will use purpose and scope of the presentation as a starting point. In this way, people can easily understand my goal and have a clear picture of what I am doing.

8. In conclusion, I used few sentences to sum up from purpose to analysis result of this project. Hope everyone can easily link up the results with the overall information.

9. For a good presentation, if we start with many expertise and professional language, then the audience may not understand what they are listening. So, I assume that everyone does not have related knowledge and try to start with a simple concept of my topic.

10. I am an easy nervous person, so before the presentation I took a deep breath then I found my stunning behavior has improved.

1. Watch the videos posted by your classmates. Choose three of the projects (videos) you watched. For each of those three projects:
   * Write the name of the presenter.
   * Explain the project in your own words.
   * Make at least three recommendations to improve the project
2. ZhiZhi Zhang:

In her project, she elaborated the importance of losing weight and fat by controlling the nutrition. The foods she recommended are bread, milk, cheese, fish and so on. To mix these foods, the constraints become important in this project. She used the linear programming to solve this question. The result of this project is that we need to eat 50g fish and with 0.2 cup of milk each day would be healthy.

Recommendation: a. A large pool of data would be better.

b. She presented quite well.

c. Setting more constraints can have an accurate result.

2. Tin Tran:

In his project, he found out the correlation between positive cases and death. The different groups of age have little significance with each other in this case. He used the regression model on death cases of COVID-19 to find out the correlation between death cases and age. For the result, the relationship between age and death has a positive trend which means higher age caused higher rate of death.

Recommendation: a. With the louder sound would be better.

b. The hypothesis can be more comprehensive with more investigation and empirical constraints.

c. With different amount of data, the result can be totally different.

3. Ashley Mehta:

In this project, the fundamental requirement is combined with health, diet, and exercise. In his model, the object is to minimize the total cost of a diet plan which can satisfy the daily intake of nutrition. The constraints are set to make sure the nutrition can be enough for an adult per day. For the solution in this case, he listed the essential foods and their quantity to make a minimum cost of diet plan.

Recommendation: a. Nice surface for the PPT.

b. The project can use some real-world data input to make the analysis better (e.g., The cost of each items and the combination cost of diet)

c. With a model in excel would be perfect to elaborate the whole project using a linear programming solution.

**Note:** You need to submit a 5-minute video to FlipGrid presenting your project AND a document on Blackboard answering parts (a), (b), (d), and (e).

***Note:*** *Understanding the project and what you need to do is PART OF THE PROJECT. If you do not understand a specific part, or are not sure what you should do, you need to review the text before asking for help. You also need to do some search on the internet. That is all part of the project and your learning process.*