Part 3 - Project Presentation

The Course Project

The course project consists of five parts:

- Part 1 - Common Analysis sets the stage for the subsequent assignments. In Part 1 you conduct a base analysis. All of the students in the class will conduct the same analysis, but with a slightly different data subset.
- Part 2 - Extension Plan will require you to ask a human centered data science question that extends the work in Course Project Part 1 - Common Analysis.
- Part 3 - Presentation will require you to give a modified (shorter) PechaKucha presentation of your completed project.
- Part 4 - Project Repository, creation of a fully documented repository and also requires the submission of a written project report.
- Part 5 - Peer Feedback, complete semi-structured evaluation and feedback on in-class presentations of your peers.

Project Presentation

For this assignment, you will give an in-class presentation of your course project. The goal of this presentation is to demonstrate that you are able to effectively communicate your research questions, methods, conclusions, and implications to a non-data-scientist audience.

Your presentation will be a PechaKucha style presentation. The modification that we will make for these in-class presentations is that each presentation is to be composed of 10 slides that auto-advance every 20 seconds. You may only have 10 slides in your presentation. You will submit your slide deck in advance of the presentation. The reason we deviate from the standard PechaKucha presentation is because we need to fit all of the presentations into a single class session.

Your presentation will be evaluated on:

- Your ability to give a professional research presentation.
- Your ability to communicate the importance of your research to a specified audience (Imagine that you are explaining your project to the public at a city council meeting).
- Your ability to communicate the nature and implications of your findings in an accurate and compelling way.

Our class session for these presentations will be very full. In order for us to manage the complexity of 60-ish individual presentations your 10 slide, slide deck will be due before

class. You may create your presentation in either PowerPoint or a set of 10 PDF pages. Your slides will be assembled with the slides of other students in groups of ~10 presentations managed by the course instructors. The order of presentation will be organized before class.

We have restricted the formats to PowerPoint or PDF because Keynote, Google Slides, Prezi, and others have not always worked well together. Some advice that will make your presentation work well with all the other presentations and look reasonably good:

1. Do not bother with a slide that introduces who you are. Between each presentation in the combined slide deck there is a slide with the name of each presenter. The first slide of your presentation should include content you want to present.
2. You are **not** allowed to use 'animations' in your slide deck. A countdown timer will be added to the lower right corner of all your slides to help you manage the time this will interfere with other animations.
3. When putting an image on the slide, do not add the image to the "background". Images should be part of the slide. You can use the "arrange order" front to back feature to make sure your slide image is behind any text or other drawn figures.
4. Pick a common font, helvetica, times roman, courier, etc. Different OS environments have different font rendering strategies and using a common, well-known font will reduce surprises.

Here are a couple YouTube example PechaKucha presentations that may help you think about what you need to produce:

Example 1 - A personal story

Example 2 - Spelling bee analysis

Example 3 - Individual statistics

There are other examples. The most important thing is to have a clear focused message and to practice, practice, practice.