This file stand as my personal idea of how to struct the presentation and the slides. The content as well as their time are rough estimation, let’s discuss about them tomorrow. I attended the class by 10 mins late, please make supplements or corrections.

1. Overview, introduction to the dataset

~20s

1. Show Life expectancy on map, explain what we see.

~30s

1. Motivation. What do you want to do with the dataset?

~20s

1. Procedures, Methodology. How did we preproccess the data (data extraction cleaning)

~30s

1. Show Life expectancy of top10 and bottom10 countries (or maybe 5). Ask what made this difference.

Answer previous question with graphs of features of these countries. Form of graph: TBD

~60s

1. Continue with previous question, there are too many features. We managed to reduce them to x features with PCA. (No need to explain how PCA was done.)

Show how these features (or part of) related to Life Expectancy. Form of graph: TBD

Show a feature that’s not in the PCA results, and show that there is little correlation between this feature and life expectancy on the graph.

~100s

1. What has changed in past 15 years?

The following points are optional, we may choose some of them.

1. Overall, life expectancy and features.
2. Developed countries, e.g. top-10, life expectancy and features.
3. Developing countries, e.g. bottom-10, life expectancy and features.
4. Who changed the most, what happened to her?
5. Some country, originally in bottom-10, now improved significantly. What caused this improvement?

~100s

1. Conclusions or suggestions

~30s

Tips and notes from professor:

**Do not waist time of audience, email slides to TA prior to presentation.**

**Do not overtime.**

**Do not use too much words, use pictures to explain your idea.**

**Make your graphs clear, e.g. with titles and legends**

Eric