FOR THE ANALYSIS

Here are some ideas I had about what we could present:

* We could put some images that represent the concept of our project. For example like the one they did on the marathon presentation.
* We could use dot plots where each country is represented by a dot. The dot's size could be scaled according to a variable, for example the population of that country.
  + By this way we could show where most of the world's population is gathered in the plot (on low or high life expactancy?)
* Pie charts: If we have a correlation index of each feature with life expactancy, we compare them on a pie chart.
  + For example in the disease category we could compare (HIVs, Polio, Hepatitis B)
  + Or in general we could compare the 4 categories we have with each other.
* Let's say we have a certain number of features that we want to compare against life expectancy: for example (HIVs, Polio, Hepatitis B)
  + We could make a dot plot out of this where each feature is represented by a color. So for the y axis we would have life expectancy and the x axis would contain the three seperate features. (we could scale each of them by their min and maxes to fit them in the x axis together.)
* Right now we have four main categories.

1. Physical features
2. Disease
3. Economy
4. Geograpy & Location

* We could take the average of the components of each of these categories individually. Then on a dot plot we could compare these categories by again assigning a different color to each of them.
* We could put legends on the empty spaces of our plots to ensure there is as little white space as possible.
* We could somehow use color grading in the world map. For example a color grading from red to green where red is the least ife expectancy countries, and green is the highest life expectancy countries.

I'm not so sure about this one but:

* Maybe we could form a life expectancy index by taking a inear combination of the features we have. Than we could compare this index to the actual life expectancy values to determine if it is succesfull

In general I think we could use the following types of visualization:

* Line plots / bar charts
* Dot plots
* World map
* Pie charts
* Radar charts? (They are generally a bit confusing for me)

FOR THE PRESENTATION

I think we should:

* Not use full, long sentences in the presentation.
* Determine who is going to present what beforehand.
* Do at least one rehersal before the actual presentation.
* Don't hold the microphone too close during the presentation.