

## Assignment 3 – Line Graphs & Formatting

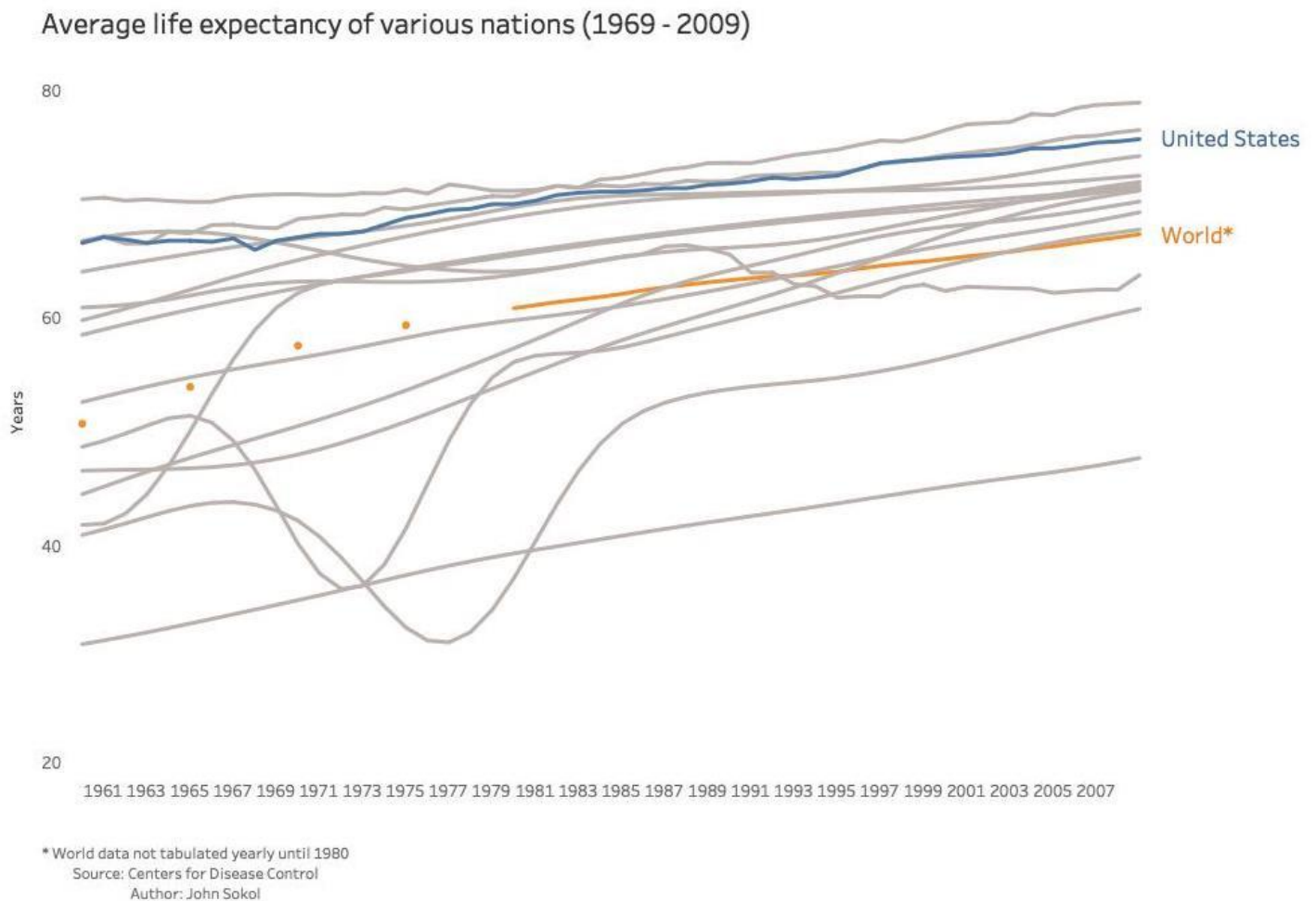
Professor John Sokol | Due 10/08

### Background Information:

Since we looked at line graphs last week for the introductory Tableau session, this week we'll dive deeper into line graphs by investigating color and formatting.

The line graph is an excellent tool to visualize change from period to period; ideal for comparing change over time. Although this is technically feasible with a bar graph, the changing trends over time are not as interpretable with bar graphs in comparison to line graphs.

After completing this assignment, you will be able to create line graphs like these in Tableau:



**Instructions:**

- Watch the 'Single Axis', 'Blended Axis', 'Dual Axis' videos by Davis
- Watch 'Tableau Line Graphs – Sokol' created by myself
- Read the posts '3 Ways to Make Lovely Line Graphs in Tableau' and 'Building Line Charts' in the Additional Line Graphs Resources folder

**Deliverables:**

- Submit a Tableau *packaged* workbook that consists of the line graph of Year vs. Average Life Expectancy (Years) that I created in the video tutorial.
  - All formatting, such as color for visual cues and simplistic design principles must be thoroughly completed
  - Select at least 10 countries of your choice to compare with the United States and World data