**Website homework outline**

1. **Landing Page**
   1. NavBar - The website must, at the top of every page, have a navigation menu that:
      1. Has the name of the site on the left of the nav which allows users to return to the landing page from any page.
      2. Contains a dropdown on the right of the navbar named "Plots" which provides links to each individual visualization page.
      3. Provides two more links on the right: "Comparisons" which links to the comparisons page, and "Data" which links to the data page.
      4. Is responsive (using media queries). The nav must have similar behavior as the screenshots ["Navigation Menu" section](#navigation-menu) (notice the background color change).Drop-down choices to navigate to other pages
      5. Plots
      6. Data
   2. Dark grey main page background
   3. Box1 with main page content
      1. Title: Summary: Latitude vs. X
      2. Line across the box under the title
      3. Image – plot (can be any)
      4. 2 paragraphs, word wrap around image
   4. Box 2 to the right of box 1
      1. Title: Visualizations
      2. Line across the box under the title
      3. 4 images in a square pattern, with white area between all
   5. Footer
      1. Dark gray
      2. Text optional… copyright in white font, etc.
2. **Visualization Page 1**
   1. NavBar – see landing page A – same on all pages
   2. A descriptive title and heading tag.
   3. The plot/visualization itself for the selected comparison.
   4. A paragraph describing the plot and its significance.
3. **Visualization Page 2**
   1. NavBar – see landing page A – same on all pages
   2. A descriptive title and heading tag.
   3. The plot/visualization itself for the selected comparison.
   4. A paragraph describing the plot and its significance.
4. **Visualization Page 3**
   1. NavBar – see landing page A – same on all pages
   2. A descriptive title and heading tag.
   3. The plot/visualization itself for the selected comparison.
   4. A paragraph describing the plot and its significance.
5. **Visualization Page 4**
   1. NavBar – see landing page A – same on all pages
   2. A descriptive title and heading tag.
   3. The plot/visualization itself for the selected comparison.
   4. A paragraph describing the plot and its significance.
6. **A ["Comparisons" page](#comparisons-page) that:**
   1. NavBar – see landing page A – same on all pages
   2. Contains all of the visualizations on the same page so we can easily visually compare them.
   3. Uses a bootstrap grid for the visualizations.
   4. The grid must be two visualizations across on screens medium and larger, and 1 across on extra-small and small screens.
7. **A ["Data" page](#data-page) that:**
   1. NavBar – see landing page A – same on all pages
   2. Displays a responsive table containing the data used in the visualizations.
   3. The table must be a bootstrap table component. [Hint](https://getbootstrap.com/docs/4.3/content/tables/#responsive-tables)
   4. The data must come from exporting the `.csv` file as HTML, or converting it to HTML. Try using a tool you already know, pandas. Pandas has a nifty method approprately called `to\_html` that allows you to generate a HTML table from a pandas dataframe. See the documentation [here](https://pandas.pydata.org/pandas-docs/version/0.17.0/generated/pandas.DataFrame.to\_html.html)