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|  | **Mastery**  **20 points** | **Where is it covered?** |  |
| **Landing Page** | Landing page has all of the following:  ✓ All Images load  ✓ Images link to their respective pages  ✓ Bootstrap grid used correctly to separate sections  ✓ Page is responsive when the window is reduced in size.  ✓ Includes a couple paragraphs of an overview for this project | Images: 11.1.7  Media queries: 11.3.3 and 11.3.4  Bootstrap grid: 11.3.5-6  Navbar: 11.3.7 and Bootstrap documentation <https://getbootstrap.com/docs/5.0/components/navbar/>  Further reading on media queries and the screen media type:  <https://www.w3schools.com/cssref/css3_pr_mediaquery.asp>  <https://www.w3.org/TR/CSS2/media.html>  Set background color to white on small screens  Media query for navbar header and logo  Description content media query (change padding/margin) |  |
| **Visualization Pages** | Every visualization page has all of the following:  ✓ All Images load  ✓ Images link to their respective pages  ✓ Includes a paragraph of text describing the plot  ✓ Uses Bootstrap grid to separate sections  ✓ Page is responsive when the window is reduced in size. | Same as above, plus ensure all links work  Hyperlinks: 11.1.3-4  Images with hyperlinks: 11.1.7  Define active css class for selected image to draw border around image thumbnail – 11.3.1 is good review (eg. navbar li a class – line 32) |  |
| **Comparison Page** | The comparison page has all of the following:  ✓ All Images load  ✓ All labels are correct  ✓ Images are responsive (2x2 on large screens and 4x1 on small screens)  ✓ All Images link to their respective visualization page | Same as above, plus:  11.3.8 (responsive columns) |  |
| **Data Page** | The data page has all of the following:  ✓ No rows missing from data  ✓ Table uses Bootstrap table class(es)  ✓ Table is responsive and stays inside container when page is reduced in size  ✓ Table has all 10 columns | 11.1.6  11.3.8 (responsive columns)  Check out:  <https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.to_html.html>  note the *classes* parameter |  |
| **Navbar** | The Navbar has all of the following:  ✓ All links work and direct to the correct page  ✓ Navbar has a working dropdown with links to plot pages  ✓ Navbar is on every page  ✓ Navbar collapses when the window is reduced in size and button works to make nav reappear  ✓ Uses Bootstrap navbar class | Navbar: 11.3.7 and Bootstrap documentation <https://getbootstrap.com/docs/5.0/components/navbar/> |  |

