



Assignments > Data table assignment webpage

Data table assignment webpage

▼ Hide Assignment Information

Instructions

You must CHANGE datasets from your previous lab and assignment. I.e. you cannot use the same core dataset/sets. You CAN stay within the previous domain genre if you like.

This assignment addresses two goals:

1. putting together an information argument that requires that the user examine/leverage a reasonably large dataset (in a webpage)
2. implementing a more complex structure including using html tables for tabular data, a flexible design/layout, using html semantic tags and definitions, and raising the design requirements of the page.

Data page

You are writing up a page that contains a core dataset grid (html table) in order to explore/present some conclusions about/from the data. This will include a glossary of terms. You will also use specific html tags/conventions.

First, identify a dataset that contains a minimum of 15 rows. Obviously this should be data that you are going to specifically extract/present information/conclusions from. I.e. the page should have a point/pov -- a reason or potential user goal that it fulfills.

The page should contain:

- A title and general introduction to the topic, including what user interest/goal it is addressing

- an html table containing the core data in spreadsheet/grid format (*reminder, the html tables lecture has a walkthrough of tools to convert a spreadsheet into an html table*).
- breaking out specific portions of the data with *side-by-side* analysis, where you have highlighted a portion of the data next to an analysis of it. you can do this with screenshots (img) of the data or small tables with a portion of the data.
- a glossary of key terms (specific to the data/domain) with a minimum five entries, using a definition list and dd and dt tags
- Use of html semantic tags, at a minimum:
 1. header
 2. footer
 3. figure and figcaption (for data tables)
- Additional css and design requirements:
 - General good design and layout considerations including page flow, text size and color variations, misc graphics (logos, screenshots, photos as appropriate).
 - A stylesheet (internal or external) with at least 10 selector entries
 - Implement at least one region of the page through a flexbox layout such as a nav bar (could be links to resources), an image gallery, etc., OR use a Bootstrap template as the base page layout.

To submit this assignment your webpage (and all its assets) must be uploaded to your server space. Submit the public url of the page (from the server) to this assignment.

Note: The next assignment will require you to compare and extract conclusions/knowledge between two datasets (as well as add scripting and interactivity). So you might want to keep that in mind for this assignment. I.e. if you dig a deep dive into one sport team's statistics, the information about a specific college/university, etc., you could then take that dataset into the next assignment (to contrast with another).

Due on Sep 16, 2025 10:00 AM

Submit

Text submission

Text Submission