Project Overview

My project allows users to browse and filter craft projects through a browser interface. It pulls data from a CSV file and then prompts users to select which category they'd like, how many results they'd like to see, and sorts them based on views or engagement. This is done through an interactive Jupyter Notebook.

How It Works (so far)

Please see uploaded video of walkthrough

1. Open project in Jupyter Notebook
2. Users are presented with craft categories to choose from. They can type in which category they would like to see, or hit 'Enter' to include all
3. Users are prompted with how many projects they'd like to see. They are given the option to choose from 1 to 20.
4. Users are then prompted to sort the list by entering '1' for most viewed or '2' for most favorited
5. Projects are displayed in a table with their name and url link, views, favorites, and subcategory

Milestones

1. More Options for Filtering
   a. Somehow allow users to choose more than one category to view
2. Search Projects by Name
   a. Allow users to search for projects by name
3. Drop Down Menu
   a. Not sure how, but to clean up the interface I would like there to be dropdown menus that users can choose from to filter/select categories
4. Integrate OpenAI for Text Instructions
   a. Include a function that writes text only instructions

Reflection

I'm happy with the progress so far! Creating this project has been pushing me outside the basic knowledge of Python I know yet still being manageable. Definitely have been using copilot to help answer questions I have, like displaying the data. When starting, I thought it would be easy to create a more sophisticated interface, but that is proving to be something that I will need to work on. I believe I will be able to finish the project in the coming weeks.