1. Download python in your laptop
2. Download Visual Studio Code
3. Make a blank HTML File and save it
4. Save the excel file to work in same folder
5. Open the file in VS Code
6. Copy paste the code from HTML (Pyscript) Code file
7. Go to Terminal on the top of VS Code
8. Select New Terminal (This is Localhost)
9. Wait for the terminal to open- it should show the location of the saved file once the terminal is open
10. Type exactly the same (whatever is in <>): <python –m ‘http.server’ 8080>
11. Click Enter
12. It should show serving on HTTP :: port 8080
13. Go to MS Edge and enter: 127.0.0.1:8080 (this is Host IP Address for that specific port 8080)
14. Click Enter
15. Select the link that has name of the code’s file
16. Enter the Username and click Enter

Challenges faced in doing this and why I did not work on WAMP/XAMPP:

1. Was trying to make a Localhost page that can at least work on everyone’s laptop just by sharing the files
2. Code available on internet to get the path and address to import Pandas and CSV isn’t correct
3. HTML supports Pyscript, but its was not able to extract data from .CSV (or any other doc)
4. There were unidentified characters being traced in from CSV. Because CSV is not just data, it’s the entire file that is extracted (Don’t know why)
5. Tried extracting CSV into dictionary, but the unidentified characters were still being traced.
6. So, I had to manually edit the delimiting factor in the CSV file and replace it with ‘,’.
7. Used the same dictionary and calling method.
8. It worked
9. Lot of debugging was needed, since nothing was available on YT, Google, GfG, etc at one go.

What we have done so far:

1. Localhost page is ready which is capable of reading the data
2. The HTML has a pyscript section in which we have already imported Pandas to work with AHP and clustering as regular
3. We have a framework which can take input at HTML end and read it across pyscript to CSV file.
4. It can run on any laptop
5. If you want to make it global, need to use PHP + Firebase
6. A complicated yet Simple to understand code.

What Next:

1. Get the AHP and Clustering code work on a small set of data
2. Work on Maths