

Progress 8

Goals:

- ☒ Use user app activity as inputs in the previously built filtering files
- ☒ Pass app inputs to `cleanData2.m`, `app2` and `GroupingConcerns.m`
- ☒ Print recommendations out in console

Work Done:

- Before developing into an app interface the filtering was happening in readingCSV.m and then using cleanData.m and GroupingConcerns.m as functions. I copied readingCSV into the app code and then was able to use the other two functions as I did before
- It was confusing understanding when app. Was needed and when it wasn't.
- I kept getting 'Warning: Column headers from the file were modified' so consulted documentation to learn about VariableNamingRule and updated cleanData2 file.
- I realised that users likely would not want to filter out cheaper alternatives so having a price range was not helpful. I changed this to normal slider and alter the phrasing of the budget question to just ask for an upper limit.

Test Cases:

User app activity is passed through app 1 and 2 to then apply filtering and showcase recommendations in the command window.

Inputs						Output												
How old are you?	What is your skin type?	Does your skin have any quirks?	What type of product are you in the market for?	What do you want to target	What is the most you're winning to spend	Snippet as all columns were given												
89	Dry	Sensitive	Moist-uriser	Dehydrat ion	140	<table><tr><th>Brand</th><th>ProductName</th><th>Price</th></tr><tr><td>"MECCA COSMETICA"</td><td>"Gel Cream 50ml"</td><td>55</td></tr><tr><td>"Alpha-H"</td><td>"In Good Hands Renewing Hand Treatment 50ml"</td><td>29.95</td></tr><tr><td>"Youth To The People"</td><td>"Superfood Air-Whip Moisture Cream 59ml"</td><td>88</td></tr></table>	Brand	ProductName	Price	"MECCA COSMETICA"	"Gel Cream 50ml"	55	"Alpha-H"	"In Good Hands Renewing Hand Treatment 50ml"	29.95	"Youth To The People"	"Superfood Air-Whip Moisture Cream 59ml"	88
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23	Comb -ination	Rosacea	Eye Cream	Puffiness	103	<3 products match so error shows. <div><pre>Error using _() (Line 132) Row index exceeds table dimensions. Error in ProductSpecifications/runReadingCSV (Line 96) disp(filtered_products{1:3,:}); %%%%%%%%%%</pre></div>												
5	Normal	None!	Lip Care	Dehydrat ion	50	<table><tr><th>Brand</th><th>ProductName</th><th>Price</th></tr><tr><td>"Summer Fridays"</td><td>"Lip Butter Balm"</td><td>39</td></tr><tr><td>"Summer Fridays"</td><td>"Dream Lip Oil"</td><td>43</td></tr><tr><td>"Kylie Skin"</td><td>"Lip Butter"</td><td>31</td></tr></table>	Brand	ProductName	Price	"Summer Fridays"	"Lip Butter Balm"	39	"Summer Fridays"	"Dream Lip Oil"	43	"Kylie Skin"	"Lip Butter"	31
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Reflection:

- I had my sister have an attempt and she didn't realise that the targeting question was linked to the one product which made me realise more context on what the app is needed. So the next step will be to build a home page to provide context and improve wording of product info screen.
- For many cases there are not 3 products that can be recommended. For example if someone wants to target a skin concern that cannot be addressed with that product type (eg. you can't target puffiness with a sunscreen/SPF) so I will need to find a final output that prompts these users to try again.
- Alternatively, for cases that there are countless recommendations, I need to decide how to decide which ones to show.
- The lack of change in button colour is still confusing.
- There is still a major lag between screens.