dataFile (path to your data file): construct an object DataFile. Must be called to use the following function

[Ex : MyFile=dataFile(r'.\excDoc\dum.xlsx')]

! the document must be in the format xlsx and like the example in the file exDoc/exMatrix.xlsx, make sure your matrix are in the correct order: Demographic Info, pre-search Questionnaire, post-Search Questionnaire, User Experience, Cognitive Load, Software Usability

benchmark (): Display information on the benchmark

[ex: MyFile.benchmark()]

Parameters:

- ‘pdf’: download the pdf version

results (): Display information on the results of the analyse of the data

[ex: MyFile. results ()]

Parameters:

- ‘pdf’: download the pdf version

dt (): Display information on the mid-calcul

[ex: MyFile.dt()]

Parameters:

- ‘pdf’: download the pdf version

confidence\_Intervals (): Display information on confidence intervals

[ex: MyFile. confidence\_Intervals ()]

Parameters:

- ‘pdf’: download the pdf version

scale\_Consistency (): Display information on scale consistency

[Ex : MyFile. Scale\_Consistency ()]

Parameters:

- ‘pdf’: download the pdf version

Inconsistencies () : Display information on inconsistencies

[Ex : MyFile. Inconsistencies ()]

Parameters:

- ‘pdf’: download the pdf version

cognitive\_load (): Display results of cognitive load

[ex: MyFile.cognitive\_load ()]

Parameters:

- ‘pdf’: download the pdf version

Software\_Usability (): Display results of software usability

[ex: MyFile.Software\_Usability ()]

Parameters:

- ‘pdf’: download the pdf version

Software\_Usability\_Coments (): display comments on software usability

[ex: MyFile.Software\_Usability\_Coments ()]

Parameters:

- ‘pdf’: download the pdf version

-'WordCloud': display the information on a word cloud format

Searching\_Learning (): display information on the searching as learning questionnaire

[ex: MyFile.Searching\_Learning ()]

Parameters:

- ‘pdf’: download the pdf version

Knowledge\_Gain (): display information on the knowledge gain questionnaire

[ex: MyFile.Knowledge\_Gain ()]

Parameters:

- ‘pdf’: download the pdf version

Qualitative analysis:

Knowledge\_Gain\_Qual\_Analysis (): Display qualitative analysis of knowledge gain

[ex: MyFile.Knowledge\_Gain\_Qual\_Analysis ()]

Parameters:

- ‘pdf’: download the pdf version

cognitive\_load\_Qual\_Analysis (): Display qualitative analysis of cognitive load

[ex: MyFile.cognitive\_load\_Qual\_Analysis ()]

Parameters:

- ‘pdf’: download the pdf version

User\_Experience\_Qual\_Analysis () : Display qualitative analysis of user experience

[Ex : MyFile.User\_Experience\_Qual\_Analysis ()]

Parameters:

- ‘pdf’: download the pdf version

Software\_Usability\_Qual (): Display qualitative analysis of software usability

[ex: MyFile.Software\_Usability\_Qual ()]

Parameters:

- ‘pdf’: download the pdf version

Searching\_Learning\_Qual (): Display qualitative analysis of the searching as learning questionnaire

[ex: MyFile.Searching\_Learning\_Qual ()]

Parameters:

- ‘pdf’: download the pdf version

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Pip install wordcloud