Documentation

fonction.py

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| empty\_cells(df) | Returns an image of a pie chart and a list of the coordinates of the df’s empty cells |
| replace\_df(df, col, key, val) | Replaces value in a data frame |
| duplicate\_rows(df) | Returns a dictionary with the index of the first occurrences as keys and the other occurrences as values |
| spe\_char(df) | Returns a list of the coordinates of cells with special chars in it |
| id\_card(document, df) | Retunrs information of a file and a Data Frame such as size or last modification’s date |
| info\_df\_col(df, tab) | Returns a list of string with the max the min and the average value of each numeric column in a data frame |
| info\_value(df, col, min\_val, max\_val) | Returns a list with the coordinates of the values of a column that are not between min\_val and max\_val |
| open\_window() | Opens a window to select a file and returns its path, a data frame and the file’s type |
| write\_file(path, text) | Writes the text in the file corresponding to the path and adds a \n |

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| colonnes\_coordonnees(df) | Returns columns names containing: coordinates, type of geometry and insee code in our dataframe |
| verification (df1,df2) | Returns the data in which there are some errors in the coordinates and/or in the insee code |
| cleanNullTerms(d) | Returns the same dictionary d but without Null Terms (Nan) |
| versioning (df1,df2,key) | Returns the differences between two dataframes |
| aff(df,data) | Returns a flatten dataframe (even if we have a nested dictionary) |
| df\_json(df) | Returns a dictionary from our processed dataframe with the same shape as the first dictionary |

views.py

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| garde(request) | Returns the html page page\_garde.html |
| analyse(request) | Returns the html page erasme.html |
| versioning(request) | Returns the html page versioning.html and resets the paths 1 and 2 |
| coordinate\_lyon(request) | Returns the html page coordonnees\_lyon.html and resets the paths 1 and 2 |
| index(request) | Returns the html page erasme.html with all the information on a selected data. |
| open\_excel(request) | Returns the html page erasme.html with all the information on a selected data and opens the original excel file. |
| duplicates\_suppression(request) | Returns the html page erasme.html with all the information on a selected data and deletes duplicates of a copy of the selected file |
| replace\_spe\_char(request) | Returns the html page erasme.html with all the information on a selected data and deletes special chars of a copy of the selected file |
| gen\_copy(request) | Returns the html page erasme.html with all the information on a selected data and deletes duplicates of a copy of the selected file |
| gen\_copy\_json(request) | Returns the html page erasme.html with all the information on a selected data and creates a json of the file’s copy. |
| get\_form(request) | Returns the html page erasme.html with all the information on a selected data and gives the coordinates of values which are out of the given range |
| versionning\_path1(request) | Returns the html page versioning.html with the first file to compare and prints the column for the user to select the one containing indexes. |
| versionning\_path2(request) | Returns the html page versioning.html with the second file to compare. |
| get\_form\_compare(request) | Gets the selected column and compares the 2 files and returns the html page versioning.html |
| coordinate\_lyon\_analyse(request) | Returns the html page coordonnee\_lyon.html with the informations on the selected file’s coordinates |