

Pathlib_example

January 21, 2019

```
In [24]: import pandas as pd
         from pathlib import Path
         import time

         p = Path("/SASCourse/Week2")
         all_files = []
         for i in p.rglob('*..*'):
             all_files.append((i.name, i.parent, time.ctime(i.stat().st_ctime)))

         columns = ["File_Name", "Parent", "Created"]
         df = pd.DataFrame.from_records(all_files, columns=columns)

         print(df.iloc[:,0])
```

```
0          class.csv
1          class.xlsx
2          class2.csv
3          class3.csv
4          class4.csv
5          class5.csv
6      Ex10_Modified_List_Input.sas
7          Ex11_Question_marks.sas
8          Ex12_Dumping_Records.sas
9      Ex13_Line_Pointer_controls.sas
10     Ex14_Column_Formatted_Input.sas
11     Ex15_Absolute_Relative_Pointer_Controls.sas
12          Ex16_Named_Input.sas
13          Ex17_Filename_Libname.sas
14          Ex18_Read_Zipped_Files2.sas
15          Ex19_Miissing.sas
16          Ex1_Column_Input.sas
17          Ex20_import_Excel_x.sas
18          Ex21_put.sas
19          Ex22__DM_CSV.sas
20          Ex23_Length.sas
21     Ex24_Informat_List_Input_Formatted_Input.sas
22          Ex25_read_from_web.sas
```

```

23             Ex26_Modified_List_Input.sas
24             Ex27_Amper_Modifier.sas
25             Ex28_Reading_Multiple_Files.sas
26             Ex29_Multiple_Input_Statements.sas
27             Ex2_Column_Input_PAD_Option.sas
28             Ex30_@@.sas
29             Ex31_Datalines4.sas
30             Ex32_putlog_specify_decimals.sas
31             Ex33_Split_data_based_on_values.sas
32             Ex34_put_putlog.sas
33             Ex35_input_numeric_character_data.sas
34             Ex36_Week_2_List_of_Files.sas
35             Ex3_Column_Input_TRUNC_OVER_Option.sas
36             Ex4_Formatted_Input.sas
37             Ex5_formatted_column_input.sas
38             Ex6_formated_input_dates.sas
39             Ex7_Simple_List_Input.sas
40             Ex8_List_Input_Modified_Input.sas
41             Ex9_DLM_DSD_MISSOVER.sas
42             List_SAS_Files.csv
43             List_SAS_Files.rtf
44             pop.sas7bdat
45             Short_class.txt
46             Short_records.txt
47             Short_values.txt
48             testfile1.csv
49             testfile2.csv
50             testfile3.csv
51             test_data.txt
52             TV_Data.csv
53             TV_Data.xlsx
54             Week2_Handouts.docx
Name: File_Name, dtype: object

```

In []: