

```
In [1]: import pandas as pd  
data3 = pd.read_csv("https://raw.githubusercontent.com/sunnysavita10/Statistics-Wi1")
```

```
In [2]: pip install pandas_profiling
```

Requirement already satisfied: pandas_profiling in c:\users\97474\anaconda3\lib\site-packages (3.6.6)

Requirement already satisfied: ydata-profiling in c:\users\97474\anaconda3\lib\site-packages (from pandas_profiling) (4.1.2)

Requirement already satisfied: imagehash==4.3.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (4.3.1)

Requirement already satisfied: matplotlib<3.7,>=3.2 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (3.5.1)

Requirement already satisfied: numpy<1.24,>=1.16.0 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (1.21.5)

Requirement already satisfied: Jinja2<3.2,>=2.11.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (2.11.3)

Requirement already satisfied: multimethod<1.10,>=1.4 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (1.9.1)

Requirement already satisfied: typeguard<2.14,>=2.13.2 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (2.13.3)

Requirement already satisfied: tqdm<4.65,>=4.48.2 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (4.64.0)

Requirement already satisfied: phik<0.13,>=0.11.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (0.12.3)

Requirement already satisfied: PyYAML<6.1,>=5.0.0 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (6.0)

Requirement already satisfied: pydantic<1.11,>=1.8.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (1.10.7)

Requirement already satisfied: htmlmin==0.1.12 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (0.1.12)

Requirement already satisfied: seaborn<0.13,>=0.10.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (0.11.2)

Requirement already satisfied: scipy<1.10,>=1.4.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (1.7.3)

Requirement already satisfied: statsmodels<0.14,>=0.13.2 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (0.13.2)

Requirement already satisfied: pandas!=1.4.0,<1.6,>1.1 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (1.4.2)

Requirement already satisfied: visions[type_image_path]==0.7.5 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (0.7.5)

Requirement already satisfied: requests<2.29,>=2.24.0 in c:\users\97474\anaconda3\lib\site-packages (from ydata-profiling->pandas_profiling) (2.27.1)

Requirement already satisfied: PyWavelets in c:\users\97474\anaconda3\lib\site-packages (from imagehash==4.3.1->ydata-profiling->pandas_profiling) (1.3.0)

Requirement already satisfied: pillow in c:\users\97474\anaconda3\lib\site-packages (from imagehash==4.3.1->ydata-profiling->pandas_profiling) (9.0.1)

Requirement already satisfied: networkx>=2.4 in c:\users\97474\anaconda3\lib\site-packages (from visions[type_image_path]==0.7.5->ydata-profiling->pandas_profiling) (2.7.1)

Requirement already satisfied: tangled-up-in-unicode>=0.0.4 in c:\users\97474\anaconda3\lib\site-packages (from visions[type_image_path]==0.7.5->ydata-profiling->pandas_profiling) (0.2.0)

Requirement already satisfied: attrs>=19.3.0 in c:\users\97474\anaconda3\lib\site-packages (from visions[type_image_path]==0.7.5->ydata-profiling->pandas_profiling) (21.4.0)

Requirement already satisfied: MarkupSafe>=0.23 in c:\users\97474\anaconda3\lib\site-packages (from Jinja2<3.2,>=2.11.1->ydata-profiling->pandas_profiling) (2.0.1)

Requirement already satisfied: packaging>=20.0 in c:\users\97474\anaconda3\lib\site-packages (from matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (21.3)

Requirement already satisfied: pyparsing>=2.2.1 in c:\users\97474\anaconda3\lib\site-packages (from matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (3.0.4)

Requirement already satisfied: fonttools>=4.22.0 in c:\users\97474\anaconda3\lib\site-packages (from matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (4.25.0)

Requirement already satisfied: cycler>=0.10 in c:\users\97474\anaconda3\lib\site-packages (from matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (0.11.0)

Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\97474\anaconda3\lib\site-packages (from matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (1.3.

2)
 Requirement already satisfied: python-dateutil>=2.7 in c:\users\97474\anaconda3\lib\site-packages (from matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (2.8.2)
 Requirement already satisfied: pytz>=2020.1 in c:\users\97474\anaconda3\lib\site-packages (from pandas!=1.4.0,<1.6,>1.1->ydata-profiling->pandas_profiling) (2021.3)
 Requirement already satisfied: joblib>=0.14.1 in c:\users\97474\anaconda3\lib\site-packages (from phik<0.13,>=0.11.1->ydata-profiling->pandas_profiling) (1.1.0)
 Requirement already satisfied: typing-extensions>=4.2.0 in c:\users\97474\anaconda3\lib\site-packages (from pydantic<1.11,>=1.8.1->ydata-profiling->pandas_profiling) (4.5.0)
 Requirement already satisfied: six>=1.5 in c:\users\97474\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib<3.7,>=3.2->ydata-profiling->pandas_profiling) (1.16.0)
 Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\97474\anaconda3\lib\site-packages (from requests<2.29,>=2.24.0->ydata-profiling->pandas_profiling) (1.26.9)
 Requirement already satisfied: certifi>=2017.4.17 in c:\users\97474\anaconda3\lib\site-packages (from requests<2.29,>=2.24.0->ydata-profiling->pandas_profiling) (2021.10.8)
 Requirement already satisfied: idna<4,>=2.5 in c:\users\97474\anaconda3\lib\site-packages (from requests<2.29,>=2.24.0->ydata-profiling->pandas_profiling) (3.3)
 Requirement already satisfied: charset-normalizer~2.0.0 in c:\users\97474\anaconda3\lib\site-packages (from requests<2.29,>=2.24.0->ydata-profiling->pandas_profiling) (2.0.4)
 Requirement already satisfied: patsy>=0.5.2 in c:\users\97474\anaconda3\lib\site-packages (from statsmodels<0.14,>=0.13.2->ydata-profiling->pandas_profiling) (0.5.2)
 Requirement already satisfied: colorama in c:\users\97474\anaconda3\lib\site-packages (from tqdm<4.65,>=4.48.2->ydata-profiling->pandas_profiling) (0.4.4)
 Note: you may need to restart the kernel to use updated packages.

```
In [3]: import pandas_profiling
        profile = data3.profile_report()
```

C:\Users\97474\AppData\Local\Temp\ipykernel_19400\3066545039.py:1: DeprecationWarning: `import pandas_profiling` is going to be deprecated by April 1st. Please use `import ydata_profiling` instead.
 import pandas_profiling

```
In [5]: profile.to_file(output_file= "output.html")
```

```
Summarize dataset: 0%|          | 0/5 [00:00<?, ?it/s]
Generate report structure: 0%|          | 0/1 [00:00<?, ?it/s]
Render HTML: 0%|          | 0/1 [00:00<?, ?it/s]
Export report to file: 0%|          | 0/1 [00:00<?, ?it/s]
```

```
In [4]: data3
```

Out[4]:

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Ca
0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/5 21171	7.2500	N
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0	PC 17599	71.2833	C
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/O2. 3101282	7.9250	N
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113803	53.1000	C
4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373450	8.0500	N
...
886	887	0	2	Montvila, Rev. Juozas	male	27.0	0	0	211536	13.0000	N
887	888	1	1	Graham, Miss. Margaret Edith	female	19.0	0	0	112053	30.0000	I
888	889	0	3	Johnston, Miss. Catherine Helen "Carrie"	female	NaN	1	2	W./C. 6607	23.4500	N
889	890	1	1	Behr, Mr. Karl Howell	male	26.0	0	0	111369	30.0000	C
890	891	0	3	Dooley, Mr. Patrick	male	32.0	0	0	370376	7.7500	N

891 rows × 12 columns

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In []: