Bellevue University

M8 Screenshots

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DSC350-T301

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```
PS C:\Users\mstga\OneDrive\Desktop\Bellevue\DataWranglingForDataScience\Modul
e8> & C:/ProgramData/anaconda3/python.exe c:/Users/mstga/OneDrive/Desktop/Bel
levue/DataWranglingForDataScience/Module8/JelinekM8.py
3x4 Array:
 [[0.5488135  0.71518937 0.60276338 0.54488318]
 [0.4236548  0.64589411 0.43758721 0.891773  ]
 [0.96366276 0.38344152 0.79172504 0.52889492]]
DataFrame from np.csv:
            0         1         2         3
0  0.548814  0.715189  0.602763  0.544883
1  0.423655  0.645894  0.437587  0.891773
2  0.963663  0.383442  0.791725  0.528895
365x4 Array:
 [[0.56804456 0.92559664 0.07103606 0.0871293 ]
 [0.0202184  0.83261985 0.77815675 0.87001215]
 [0.97861834 0.79915856 0.46147936 0.78052918]
 ...
 [0.98343398 0.90213121 0.45872289 0.81745326]
 [0.76904699 0.67789497 0.31983389 0.19645099]
 [0.6715277  0.8429733  0.01625279 0.64280338]]
Size of array_365x4.csv 36865 bytes
Shape of loaded array: (365, 4)
Size of array_365x4.npy 11808 bytes
```

```
DataFrame from pickle:
            0         1         2         3
0    0.568045  0.925597  0.071036  0.087129
1    0.020218  0.832620  0.778157  0.870012
2    0.978618  0.799159  0.461479  0.780529
3    0.118274  0.639921  0.143353  0.944669
4    0.521848  0.414662  0.264556  0.774234
..        ...       ...       ...       ...
360  0.881188  0.916419  0.271551  0.607545
361  0.526584  0.537946  0.937663  0.305189
362  0.983434  0.902131  0.458723  0.817453
363  0.769047  0.677895  0.319834  0.196451
364  0.671528  0.842973  0.016253  0.642803

[365 rows x 4 columns]
Size of dataframe_365x4.pkl: 12239 bytes
DataFrame from Excel:
            0         1         2         3
0    0.568045  0.925597  0.071036  0.087129
1    0.020218  0.832620  0.778157  0.870012
2    0.978618  0.799159  0.461479  0.780529
3    0.118274  0.639921  0.143353  0.944669
4    0.521848  0.414662  0.264556  0.774234
..        ...       ...       ...       ...
360  0.881188  0.916419  0.271551  0.607545
361  0.526584  0.537946  0.937663  0.305189
362  0.983434  0.902131  0.458723  0.817453
363  0.769047  0.677895  0.319834  0.196451
364  0.671528  0.842973  0.016253  0.642803

[365 rows x 4 columns]
```

```
Original Country: Netherlands
Updated Country: JimBob
c:\Users\mstga\OneDrive\Desktop\Bellevue\DataWranglingForDataScience\Module8\
JelinekM8.py:63: FutureWarning: Passing literal json to 'read_json' is deprec
ated and will be removed in a future version. To read from a literal string,
wrap it in a 'StringIO' object.
  series = pd.read_json(json.dumps(data), typ='series')
Pandas Series:
 country                          JimBob
dma_code                              0
timezone              Europe/Amsterdam
area_code                             0
ip                       46.19.37.108
asn                         AS196752
continent_code                      EU
isp                        Tilaa V.O.F
longitude                         5.75
latitude                          52.5
country_code                        NL
country_code3                      NLD
dtype: object
Updated JSON string:
 {"country":"BobJim","dma_code":"0","timezone":"Europe\/Amsterdam","area_code
":"0","ip":"46.19.37.108","asn":"AS196752","continent_code":"EU","isp":"Tilaa
 V.O.F","longitude":5.75,"latitude":52.5,"country_code":"NL","country_code3":
"NLD"}
```