week6-proj4

July 1, 2023

)]:	_	rt pandas as pd pd.read_csv('countr	y_wise_late	st - Cop	y.csv',head	ler=None)		
3]:		0	1	2	3	4	5	\
	0	Country/Region	Confirmed	Deaths	Recovered	Active	New cases	
	1	Afghanistan	NaN	NaN	25198	9796	106	
	2	Albania	4880	144	2745	1991	117	
	3	Algeria	27973	1163	18837	7973	616	
	4	Andorra	907	52	803	52	10	
		•••	•••	•••		•••		
	183	West Bank and Gaza	10621	78	3752	6791	152	
	184	Western Sahara	10	1	8	1	0	
	185	Yemen	1691	483	833	375	10	
	186	Zambia	4552	140	2815	1597	71	
	187	Zimbabwe	2704	36	542	2126	192	
		6	7		8		9	\
	0	New deaths New rec	overed Dea	ths / 10	O Cases Re	covered	′ 100 Cases	
	1	10	18		3.5		69.49	
	2	6	63		2.95		56.25	
	3	8	749		4.16		67.34	
	4	0	0		5.73		88.53	
	 183	 2	 O		 0.73		 35.33	
	184	0	0		10		80	
	185	4	36		28.56		49.26	
	186	1	465		3.08		61.84	
	187	2	24		1.33		20.04	
			10		11	12	2 \	
	0	Deaths / 100 Recove		med last		ek change		
	1		.04		35526	737		
	2		.25		4171	709		
	3		.17		23691	4282		
	4		.48		884	23		
	_	· ·	=			_`		

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184
                               12.5
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      185
                              57.98
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                                                      1619
                               4.97
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      187
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                            13
                                                     14
      0
           1 week % increase
                                            WHO Region
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                                Eastern Mediterranean
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                         18.07
                                                Africa
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                           2.6
                                                Europe
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                                Eastern Mediterranean
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                         4.45
                                Eastern Mediterranean
      186
                         36.86
                                                Africa
      187
                        57.85
                                                Africa
      [188 rows x 15 columns]
[37]: df[1]=df[1].fillna(0)
      df[2]=df[2].fillna(0)
      df[3]=df[3].fillna(0)
      df[4]=df[4].fillna(0)
      df[5]=df[5].fillna(0)
      df[6]=df[6].fillna(0)
      df[7]=df[7].fillna(0)
      df[8]=df[8].fillna(0)
      df[9]=df[9].fillna(0)
      df[10]=df[10].fillna(0)
      df[11]=df[11].fillna(0)
      df[12]=df[12].fillna(0)
      df[13]=df[14].fillna(0)
[28]: df
[28]:
                             0
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                                                                      4
                                                                                  5
                                         1
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      0
                Country/Region
                                 Confirmed
                                             Deaths
                                                      Recovered
                                                                 Active
                                                                          New cases
                   Afghanistan
      1
                                          0
                                                   0
                                                          25198
                                                                    9796
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      2
                       Albania
                                       4880
                                                 144
                                                           2745
                                                                    1991
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                       Algeria
      3
                                      27973
                                                1163
                                                          18837
                                                                    7973
                                                                                 616
      4
                       Andorra
                                        907
                                                  52
                                                            803
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                                                                                  10
           West Bank and Gaza
                                      10621
                                                 78
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                                                                    6791
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      183
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                Western Sahara
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                         Yemen
                                       1691
                                                            833
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183

2.08

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186
                  Zambia
                                4552
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187
                Zimbabwe
                                2704
                                           36
                                                       542
                                                              2126
                                                                            192
                                                    8
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                                                                              9
0
     New deaths
                  New recovered
                                   Deaths / 100 Cases Recovered / 100 Cases
1
              10
                              18
                                                   3.5
                                                                          69.49
2
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     Deaths / 100 Recovered
                               Confirmed last week
                                                       1 week change
                         5.04
1
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3
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183
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                         6.64
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0
                 WHO Region
                                          WHO Region
1
     Eastern Mediterranean
                              Eastern Mediterranean
2
                     Europe
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3
                      Africa
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4
                     Europe
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                         •••
. .
183
     Eastern Mediterranean
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184
                     Africa
                                               Africa
185
     Eastern Mediterranean Eastern Mediterranean
186
                     Africa
                                               Africa
187
                     Africa
                                               Africa
```

[188 rows x 15 columns]

[38]: a1=df[0] a2=df[1] a3=df[2]

```
a4=df[3]
a5=df[4]
a6=df[5]
a7=df[6]
a8=df[7]
a9=df[8]
a10=df[9]
a11=df[10]
a12=df[11]
a13=df[12]
a14=df[13]
a15=df[14]
del df[0]
del df[1]
del df[2]
del df[3]
del df[4]
del df[5]
del df[6]
del df[7]
del df[8]
del df[9]
del df[10]
del df[11]
del df[12]
del df[13]
del df[14]
df['Country/Region']=a1
df['Confirmed']=a2
df['Deaths']=a3
df['Recovered']=a4
df['Active']=a5
df['New cases']=a6
df['New deaths']=a7
df['New recovered']=a8
df['Deaths / 100 Cases']=a9
df['Recovered / 100 Cases']=a10
df['Deaths / 100 Recovered']=a11
df['Confirmed last week']=a12
df['1 week change']=a13
df['1 week % increase']=a14
df['WHO Region']=a15
```

[39]: df

[39]:		Country/Region	Confirmed	Deaths Recove	red Active	New cases \
	0	Country/Region	Confirmed	Deaths Recove	red Active	New cases
	1	Afghanistan	0	0 25	198 9796	106
	2	Albania	4880	144 2	745 1991	117
	3	Algeria	27973	1163 18	837 7973	616
	4	Andorra	907	52	803 52	10
		•••	•••			
	183	West Bank and Gaza	10621	78 3	752 6791	152
	184	Western Sahara	10	1	8 1	0
	185	Yemen	1691	483	833 375	10
	186	Zambia	4552	140 2	815 1597	71
	187	Zimbabwe	2704	36	542 2126	192
				•		
	_			ths / 100 Cases		
	0	New deaths New reco		ths / 100 Cases		
	1	10	18	3.5		69.49
	2	6	63	2.95		56.25
	3	8	749	4.16		67.34
	4	0	0	5.73	}	88.53
	183	2	0	0.73		35.33
	184	0	0	10		80
	185	4	36	28.56		49.26
	186	1 2	465	3.08		61.84
	187	2	24	1.33)	20.04
		Deaths / 100 Recover	ed Confir	med last week	1 week change	\
	0	Deaths / 100 Recovered			1 week change	
	1	5.0		35526	737	
	2	5.:		4171	709	
	3	6.		23691	4282	
	4	6.4	48	884	23	
		•••		•••	•••	
	183	2.0	80	8916	1705	
	184	12	.5	10	0	
	185	57.	98	1619	72	
	186	4.9	97	3326	1226	
	187	6.0	64	1713	991	
		1 week % increase		WHO Region		
	0	WHO Region		WHO Region		
	1	Eastern Mediterranea		Mediterranean		
	2	Europ		Europe		
	3	Africa		Africa		
	4	Europ	е	Europe		
	• •	•••		•••		
	183	Eastern Mediterranea	n Eastern	Mediterranean		

184	Africa	Africa
185	Eastern Mediterranean	Eastern Mediterranean
186	Africa	Africa
187	Africa	Africa

[188 rows x 15 columns]

[]: