Actividad 5

March 06, 2018

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In []: # Cargamos las bibliotecas
       import pandas as pd
       import numpy as np
       from datetime import datetime
In []: # Leer archivo de datos 00Z
       # Convertir la columna CAPE de objeto a número
       df = pd.read_csv("df2017CAPE_PW_00Z.csv", header=None, names=['Date', 'CAPE', 'PW'])
       df.CAPE=pd.to_numeric(df.CAPE, errors='coerce')
       df.head()
In []: # Leer archivo de datos 12Z
        # Convertir la columna CAPE de objeto a número
       df1 = pd.read_csv("df2017CAPE_PW_12Z.csv", header=None, names=['Date', 'CAPE', 'PW'])
       df1.CAPE=pd.to_numeric(df1.CAPE, errors='coerce')
       df1.head()
In []: # Convertir la cadena de caracteres 'Date' en variable temporal 'NDate' 00Z
       df['Ndate'] = pd.to_datetime(df['Date'], format='%d %m %Y')
       df['month'] = df['Ndate'].dt.month
       df.head()
Out[]:
                Date CAPE
                                PW
                                       Ndate month
       0 01 01 2017 31.97 13.55 2017-01-01
       1 02 01 2017 0.00 10.99 2017-01-02
       2 03 01 2017 0.00 6.42 2017-01-03
       3 04 01 2017
                       0.00
                              8.73 2017-01-04
       4 05 01 2017 0.14
                              9.92 2017-01-05
                                                  1
In [ ]: # Convertir la cadena de caracteres 'Date' en variable temporal 'NDate' 12Z
       df1['Ndate'] = pd.to_datetime(df1['Date'], format='%d %m %Y')
       df1['month'] = df1['Ndate'].dt.month
       df1.head()
Out[]:
                Date CAPE
                               PW
                                       Ndate month
       0 01 01 2017 2.42 16.18 2017-01-01
                                                 1
       1 02 01 2017 0.00 6.68 2017-01-02
       2 03 01 2017 0.00 8.81 2017-01-03
                                                 1
       3 04 01 2017 0.09 9.40 2017-01-04
                                                 1
       4 05 01 2017 0.00 11.26 2017-01-05
                                                 1
```















