Russian - Ukrainian War

Out[2]:

This is a dataset that I obtained from Kaggle.com. Freedom is costly..

In [1]: !date Sun 07 May 2023 11:22:36 AM EDT

In [2]: from IPython import display display.Image("/home/harlohutch77/python/python_master/Ukraine.jpg", height=400, width=800)

Pierre Crom In [1]: # these lines of code are importing libraries import numpy as np

import pandas as pd import matplotlib.pyplot as plt %matplotlib inline uk = pd.read_csv("/home/harlohutch77/python/python_master/ukr.csv") uk.describe() latitude longitude count 1119.000000 1119.000000 48.773596 35.029639 mean

In [2]: #this code is to retreive the dataset from the csv file In [3]: Out[3]: std 1.417028 2.984382

art...

Explosion in central Kyiv,

Vuhledar

nothing further yet. Explosion in central Kyiv,

nothing further yet. [Graphic: Image shows a

sources

https://twitter.com/FannyFacsar/status/1496787...

https://twitter.com/IBN_MOHAMMAD/status/149677...

https://twitter.com/GayanaYuksel/status/149683...

affected=Res

affected=Un

affected=Hea

affected=Un

Export to plot.ly »

46.053975 23.922842 min 47.497650 25% 32.591412 50% 48.858407 36.241945 50 021865 52.383736 uk.head(5)id date latitude longitude location description Out[4]: Apartment block hit. Chuhuiv, south of CIV0001 02/24/2022 49.850050 36.659031 https://twitter.com/Michael1Sheldon/status/149... Crater is Kharkiv very large, pos... Civilians hit by what 1 CIV0002 02/24/2022 48.748564 30.218515 Uman appears to https://twitter.com/ragipsoylu/status/14967372... affected=Com have been

dead child wrapped in uk[["id", "date", "associations"]] date associations id Out[5]: **0** CIV0001 02/24/2022 Type of area affected=Residential, Weapon Syste... **1** CIV0002 02/24/2022 Type of area affected=Commercial,Weapon System... 02/24/2022 Type of area affected=Undefined,Weapon System=... **3** CIV0004 02/24/2022 Type of area affected=Healthcare, Weapon System... 4 CIV0007 02/24/2022 Type of area affected=Undefined,Weapon System=... **1114** CIV1992 04/08/2023 Type of area affected=Food/Food Infrastructure... **1115** CIV1988 04/11/2023 Type of area affected=Religious,Weapon System=... **1116** CIV1997 04/14/2023 Type of area affected=Residential, Weapon Syste... **1117** CIV1998 04/15/2023 Type of area affected=Residential, Weapon Syste... Type of area affected=Residential, Weapon Syste... **1118** CIV2024 04/28/2023 1119 rows × 3 columns In [6]:

4 CIV0007 02/24/2022 46.227890 34.642830 Semihatka/Henichesk

2 CIV0003 02/24/2022 50.470055 30.527381

3 CIV0004 02/24/2022 47.775537 37.239601

07/23/2022 07/05/2022 06/16/2022 05/29/2022 05/11/2022 04/24/2022 04/08/2022 03/22/2022 3/7/2022 02/24/2022

this information below is to import and make the visualizations possible in this project from plotly import __version_ from plotly.offline import download_plotlyjs, init_notebook_mode, plot, iplot print(__version__) # requires version >= 1.9.0 5.7.0 import cufflinks as cf In [7]: In [8]: # For Notebooks init_notebook_mode(connected=True) In [9]: # For offline use cf.go_offline() uk.iplot(kind='scatter',x='id',y='date', color='blue', title='Russian - Ukrainian War') In [10]: Russian - Ukrainian War 03/27/2023 03/01/2023 02/06/2023 01/16/2023 12/22/2022 12/02/2022 10/31/2022 10/08/2022 09/22/2022 08/30/2022 08/10/2022

uk.iplot(kind='box',x='id',y='associations', title='Russian - Ukrainian War') #color='green') In [11]: Russian - Ukrainian War id https://t.me/h_saltovka/72846 date https://t.me/itsdonetsk/24302,https://t.me/itsdonetsk/24298 https://twitter.com/MSF_Ukraine/status/1511376014278115331 latitude https://twitter.com/Elisonext/status/1498654294807035905 longitude Strike on a residential building. location Burned cars in the aftermath of a shelling, reportedly killing one person. School No. 36 heavily damaged. description Graphic: Image shows at least one dead person lying by a pool of blood] Kindergarten hit by cluster munition. sources Horlivka associations 37.64312 37.5986 31.25735 36.354415 48.858302 46.102064 50.004422 03/22/2023 03/20/2022 CIV1578 CIV0967 CIV0406 CIV0001 location latitude id Export to plot.ly » In [12]: uk.iplot(kind='bar',x='date',y='associations', title='Russian - Ukrainian War')# color='blue' Russian - Ukrainian War

CIV1968
CIV1916
CIV11832
CIV1782
CIV1782
CIV1584
CIV1580
CIV15

The reason or reasons for Russian - Ukranian war per BBC.com; Not my statements In [13]: #What is the main reason for the Russian - Ukrainian war?

#The seeds of this war was sown in 2013, when Moscow persuaded Ukraine's pro-Russian leader to scrap a #planned pact with the European Union, prompting protests that ultimately brought him down and led to

03/31/2023 03/01/2023 02/02/2023 01/06/2023 11/9/2022 11/9/2022 10/09/2022 10/09/2022 09/20/2022 09/20/2022 07/31/2022 07/11/2022 07/11/2022 05/28/2022 05/28/2022 04/17/2022 03/28/2022 03/28/2022

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Type of area affected=Residential, Weapon System=Loitering munition Type of area affected=School or childcare, Weapon System=Ballistic missile

Type of area affected=Roads/Highways/Transport,Weapon System=Small arms

#Russia seizing Crimea and staging a land-grab in the east. Feb 24, 2023

Type of area affected=Cultural, Weapon System=Unknown

Type of area affected=Residential, Weapon System=Unknown

#BBC https://www.bbc.com/news/world-europe-56720589 In [14]: #NATO https://www.nato.int/cps/en/natohq/topics_192648.htm In [15]: