#!/usr/bin/env python3

# -\*- coding: utf-8 -\*-

"""

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"""

import pandas as pd

import plotly.plotly as py

from plotly.offline import download\_plotlyjs, init\_notebook\_mode, plot, iplot

import plotly.graph\_objs as go

data = pd.read\_csv('realDonaldTrump\_tweets.csv',encoding="utf-8")

data = data.assign(Date=pd.to\_datetime(data.Date)).drop('ID', axis='columns')

data['Date'] = pd.to\_datetime(data['Date'], format='%y-%m-%d %H:%M:%S')

dataT = data['Date']

trace = go.Histogram(

x=dataT,

marker=dict(

color='blue'

),

opacity=0.75

)

layout = go.Layout(

title="Donald Trump's Tweets Distribution",

height=450,

width=1200,

xaxis=dict(

title='Time'

),

yaxis=dict(

title='Number of Tweets'

),

bargap=0.3,

)

data\_trace = [trace]

fig = go.Figure(data=data\_trace, layout=layout)

plot(fig)