from wordcloud import WordCloud, STOPWORDS

from PIL import Image

import nltk

from konlpy.tag import Okt

from matplotlib import font\_manager, rc

import matplotlib.pyplot as plt

import matplotlib.cm as cm

from wordcloud import WordCloud

import pandas as pd

def wordcloud(filename):

path = "c:/Windows/Fonts/malgun.ttf"

font\_name = font\_manager.FontProperties(fname=path).get\_name()

rc('font', family=font\_name)

t = Okt()

file = pd.read\_csv(filename, encoding='utf-8')

df = file['contents']

df2 = df.dropna()

for row in df2:

token = t.nouns(row) ##분리

words\_b = nltk.Text(token, name='')

words = nltk.Text(words\_b)

words.vocab().most\_common(50)

stop\_words = ['달달']

words = [each\_word for each\_word in words\_b if each\_word not in stop\_words]

words = nltk.Text(words)

words.vocab().most\_common(100)

plt.figure(figsize=(16, 8))

words.plot(50)

plt.axis("off")

plt.show()

text = ""

for s in words:

text = text + s + ' '

wc = WordCloud(font\_path='c:/Windows/Fonts/malgun.ttf',

relative\_scaling=0.2,

background\_color='white',

colormap=cm.viridis,

repeat=True).generate(text)

plt.axis("off")

plt.imshow(wc, interpolation="bilinear") # interpolation : 보간 지정

plt.show()

if \_\_name\_\_ == '\_\_main\_\_':

wordcloud("네이버 카페2019-8-14 1시 1분 21초.csv")