Week 2 Jesse

use('NOSQL');

db.Week2.drop();

db.Week2.insertMany([ {

'\_id': 1,

'Telefoon': {

'Soort' : 'iPhone',

'Generatie' : 12

},

'Bedrijf': {

'Naam': 'Apple Inc',

'Oprichter' : 'Steve Jobs',

'Opgericht' : 1976

},

'Uitgave': {

'Datum': ISODate('23-10-2020'),

'Land': 'The Netherlands'

}

},

{

'\_id': 1,

'Telefoon': {

'Soort' : 'Galaxy',

'Generatie' : 'S20'

},

'Bedrijf': {

'Naam': 'Samsung Electronics',

'Oprichter' : 'Lee Byung-chull',

'Opgericht' : 1969

},

'Uitgave': {

'Datum': ISODate('06-03-2020'),

'Land': 'The Netherlands'

}

},

{

'\_id': 1,

'Telefoon': {

'Soort' : 'Mate',

'Generatie' : '40'

},

'Bedrijf': {

'Naam': 'Huawei',

'Oprichter' : 'Ren Zhengfei',

'Opgericht' : 1987

},

'Uitgave': {

'Datum': ISODate('22-10-2020'),

'Land': 'The Netherlands'

}

}

]);

db.Week2.find();

Week 3 Jesse

df[(df["year"] == 2001) & (df['month'] == 4) & (df['date\_of\_month'] == 27)]

Week 4 Jesse

##Individuele opdracht Jesse

#Sentiment Analysis

def percentage(part,whole):

return 100 \* float(part)/float(whole)

keyword = input("Please enter keyword or hashtag to search: ")

noOfTweet = int(input ("Please enter how many tweets to analyze: "))

tweets = response.data

positive = 0

negative = 0

neutral = 0

polarity = 0

tweet\_list = []

neutral\_list = []

negative\_list = []

positive\_list = []

for tweet in tweets:

#print(tweet.text)

tweet\_list.append(tweet.text)

analysis = TextBlob(tweet.text)

score = SentimentIntensityAnalyzer().polarity\_scores(tweet.text)

neg = score["neg"]

neu = score["neu"]

pos = score["pos"]

comp = score["compound"]

polarity += analysis.sentiment.polarity

if neg > pos:

negative\_list.append(tweet.text)

negative += 1

elif pos > neg:

positive\_list.append(tweet.text)

positive += 1

elif pos == neg:

neutral\_list.append(tweet.text)

neutral += +1

positive = percentage(positive, noOfTweet)

negative = percentage(negative, noOfTweet)

neutral = percentage(neutral, noOfTweet)

polarity = percentage(polarity, noOfTweet)

positive = format(positive, ".1f")

negative = format(negative, ".1f")

neutral = format(neutral, ".1f")

#Number of Tweets (Total, Positive, Negative, Neutral)

tweet\_list = pd.DataFrame(tweet\_list)

neutral\_list = pd.DataFrame(neutral\_list)

negative\_list = pd.DataFrame(negative\_list)

positive\_list = pd.DataFrame(positive\_list)

print("total number: ",len(tweet\_list))

print("positive number: ",len(positive\_list))

print("negative number: ", len(negative\_list))

print("neutral number: ",len(neutral\_list))

Week 5 Jesse

https://github.com/jesse2704/nosqlweek5