

```
In [0]: import warnings
warnings.filterwarnings("ignore")

import sqlite3
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import nltk
import string
import seaborn as sns
from sklearn.feature_extraction.text import TfidfTransformer
from sklearn.feature_extraction.text import TfidfVectorizer

from sklearn.feature_extraction.text import CountVectorizer
from sklearn.metrics import confusion_matrix
from sklearn import metrics
from sklearn.metrics import roc_curve, auc
from nltk.stem.porter import PorterStemmer
from sklearn.decomposition import TruncatedSVD

import re
from nltk.corpus import stopwords
from nltk.stem import PorterStemmer
from nltk.stem.wordnet import WordNetLemmatizer

from gensim.models import Word2Vec
from gensim.models import KeyedVectors
import pickle

from pandas_ml import ConfusionMatrix

from sklearn.preprocessing import StandardScaler
from sklearn.metrics import precision_score, recall_score, make_scorer, f1_score

from sklearn.model_selection import train_test_split
from sklearn.metrics import accuracy_score
from sklearn.metrics import classification_report
from sklearn.metrics import f1_score, precision_score, recall_score
from sklearn.cross_validation import cross_val_score
from collections import Counter
from sklearn import cross_validation
from prettytable import PrettyTable
from sklearn.model_selection import GridSearchCV, TimeSeriesSplit
from sklearn.model_selection import RandomizedSearchCV
from sklearn.utils import resample
from sklearn.datasets import *
from sklearn.cluster import KMeans
from sklearn.cluster import AgglomerativeClustering
from sklearn.cluster import DBSCAN
from sklearn.metrics import silhouette_score
from wordcloud import WordCloud
from sklearn.neighbors import NearestNeighbors
import operator
from sklearn.metrics.pairwise import pairwise_distances

#We import a few useful libraries
```

## Utility Functions

In [0]: #We create a few utility functions whose use is described below

```

def input_k(): #This function is used to obtain K value from the user
    k = int(input("Enter the value of K observed in the above plot: "))
    return k

def plot_df_wordcloud(data,labels_list,lst):
    #This function plots the wordcloud for Kmeans and Kmedoids. These will be called in the following functions.
    print('\n')
    print("Creating a dataframe with Reviews, Cleaned text and Clusters...")
    lst_reviews = list(data['Text'].values) #Saving all reviews into a list
    lst_cleanedtext = list(data['CleanedText'].values) #Saving all Cleaned text into a list
    amz = {'Reviews': lst_reviews, 'CleanedText':lst_cleanedtext , 'Clusters': labels_list} #Creating a dictionary with Reviews, Cleaned text and clusters
    df = pd.DataFrame(amz, columns=['Reviews', 'CleanedText', 'Clusters']) #Creating a dataframe of the above dictionary
    print("Dataframe is created!")
    print('\n')

    print("The number of reviews in each cluster is:")
    print(df['Clusters'].value_counts()) #Outputs the number of reviews in each cluster
    print('\n')
    print('*'*70)

    if lst!=None: #Only used in case of K Medoids. Prints each medoid review
        print('\n')
        print('The number of Medoids formed are',len(lst))
        print('\n')
        print('Printing Medoid reviews')
        for a in lst:
            print('\n')
            pd.set_option('display.max_colwidth', -1) #Displays full reviews
            print(df['Reviews'][a])
            print('\n')

    for i in range(min(labels_list),max(labels_list)+1): #Iterates through K and prints wordcloud and reviews for all the clusters
        print('\n')
        print('\n')
        print("*"*40,'Cluster ',i,"*"*40)
        words=[] #Create an empty List to store words
        for sent in df['CleanedText'][df['Clusters']==i].values: #Splits sentences into words and stores it in a list
            words.append([a for a in sent.split()])
        words.append([a for a in sent.split()]) #Appends the split words to above created list

        word_list = [item for sublist in words for item in sublist] #Creates a new list of words by flattening the above list since it is a nested list
        print('\n')
        print('Plot of Word Cloud')
        wordcloud1 = WordCloud().generate(" ".join(word_list)) #Initiate wordcloud for the list of words
        plt.figure() #Plots the wordCloud
        plt.imshow(wordcloud1)
        plt.axis("off")
        plt.show()

        count = df['Reviews'][df['Clusters']==i].count()
        if count//2>=9:#Prints random 5 reviews if the number of reviews in that cluster is more than 100
            print('\n')
            print('\n')
            print('Printing 4 random reviews from cluster',i)
            pd.set_option('display.max_colwidth', -1) #Displays full reviews
            print(df['Reviews'][df['Clusters']==i][count//2:count//2+5])
            print('\n')
            print('\n')
        else: #Prints random reviews if the number of reviews in that cluster is between 10 and 100
            print('\n')
            print('\n')
            print('Printing random reviews from cluster',i)
            pd.set_option('display.max_colwidth', -1) #Displays reviews in full length
            print(df['Reviews'][df['Clusters']==i][count//2:])

    def k_means(data,std_data): #This function perform K means. The data frame and standardized vector forms of the reviews are given as input
        k=list(range(1,11)) #Considers K value between 1 and 10 (inclusive)
        inertia_list=[] #Gets the List of inertias for plotting the elbow curve
        for i in k: #Iterates through the K values and gets a list of inertia values for plotting later
            clf = KMeans(n_clusters=i,n_init=60)
            clf.fit(std_data)
            inertia_list.append(clf.inertia_)

        plt.figure(1) #Plots the elbow curve
        plt.plot(k,inertia_list)
        plt.title('K vs loss')
        plt.xlabel('K')
        plt.ylabel('loss')
        plt.grid()
        plt.show()

        k = input_k() #After looking at the elbow curve, the user inputs the optimal value of K

        print('\n')
        print("Performing K means on K=",k)
        clf = KMeans(n_clusters=k, n_init=60) #Perform K means on the optimal K value input earlier
        clf.fit(std_data)
        labels_list = clf.labels_.tolist() #Getting the labels list to identify clusters
        print("Done!")
        plot_df_wordcloud(data,labels_list,None)

    def kMedoids(D, k, tmax=100): #This is the KMedoid implemetation by https://github.com/letiantian/kmedoids

        # determine dimensions of distance matrix D
        m, n = D.shape

        if k > n:
            raise Exception('too many medoids')

        # find a set of valid initial cluster medoid indices since we
        # can't seed different clusters with two points at the same location
        valid_medoid_inds = set(range(n))
        invalid_medoid_inds = set([])
        rs,cs = np.where(D==0)
        # the rows, cols must be shuffled because we will keep the first duplicate below
        index_shuf = list(range(len(rs)))
        np.random.shuffle(index_shuf)
        rs = rs[index_shuf]
        cs = cs[index_shuf]
        for r,c in zip(rs,cs):
            # if there are two points with a distance of 0...
            # keep the first one for cluster init
            if r < c and r not in invalid_medoid_inds:
                invalid_medoid_inds.add(c)
        valid_medoid_inds = list(valid_medoid_inds - invalid_medoid_inds)

        if k > len(valid_medoid_inds):
            raise Exception('too many medoids (after removing {} duplicate points)'.format(
                len(invalid_medoid_inds)))

        # randomly initialize an array of k medoid indices
        M = np.array(valid_medoid_inds)

```

```

np.random.shuffle(M)
M = np.sort(M[:k])

# create a copy of the array of medoid indices
Mnew = np.copy(M)

# initialize a dictionary to represent clusters
C = {}
for t in range(tmax):
    # determine clusters, i. e. arrays of data indices
    J = np.argmin(D[:,M], axis=1)
    for kappa in range(k):
        C[kappa] = np.where(J==kappa)[0]
    # update cluster medoids
    for kappa in range(k):
        J = np.mean(D[np.ix_(C[kappa],C[kappa])],axis=1)
        j = np.argmin(J)
        Mnew[kappa] = C[kappa][j]
    np.sort(Mnew)
    # check for convergence
    if np.array_equal(M, Mnew):
        break
    M = np.copy(Mnew)
else:
    # final update of cluster memberships
    J = np.argmin(D[:,M], axis=1)
    for kappa in range(k):
        C[kappa] = np.where(J==kappa)[0]

# return results
return M, C #Here M is an ndarray with indices of medoids formed and C is a dictionary with Cluster number as key and indices as values.

def implement_kmedoids(data,std_data,D): #This function implements Kmedoids by taking dataframe and standardized data as input.
k=list(range(2,11)) #Considers K value between 2 and 10 (inclusive)
labels_list=[] #Gets the list of labels for each k and stores them into another list
silhou_list=[] #Gets the list of silhouette values for each k to plot a bar graph later
M_list=[] #Gets the list of Medoid indices for each k and stores it in another list
for i in k: #Iterates through the K values
    M, C = KMedoids(D,i) #Initiate K Medoids by inputting the distance matrix and value of K
    dict = {} #Creating a dictionary to sort through the values later
    labels_list_med = [] #Creates a list for appending Label values into it later
    for label in C: #The dictionary C consists of number of keys equal to the number of Labels with each Label having an ndarray of indices as values.
        for point_idx in C[label]: #For an index in each label in the dictionary
            dict[point_idx] = label #Creating a new dictionary with indices and Labels as values

    sorted_dict = sorted(dict.items(), key=operator.itemgetter(0)) #This is sorted on the basis of keys(Indices) and returns a list of tuples
    for o in range(len(sorted_dict)):
        labels_list_med.append(sorted_dict[o][1]) #Gets the list of label values only from the sorted tuples

    avg_silhou = silhouette_score(std_data,labels_list_med) #Initialize silhouette score
    silhou_list.append(avg_silhou) #Append all the silhouette scores into the list created above to plot later
    labels_list.append(labels_list_med) #Append all the lists of labels for each K into another list for use later
    medoid_list = M.tolist() #Convert array of Medoid indices into list
    M_list.append(medoid_list) #Append this list of each Modoid indices for every K to another list for use later

    if i == 2 or i == 5 or i == 10: #To check what is happening to clusters at random values of K
        print('\n')
        print('\n')
        print('*'*10,'When number of clusters is',i,'*'*10)
        print('\n')
        print('\n')
        plot_df_wordcloud_med(data,labels_list_med,medoid_list) #Creates a dataframe with Reviews, CleanedText and Clusters and plots wordcloud and prints reviews

plt.figure(1)
plt.bar(k,silhou_list) #Plots the bar graph
plt.title('K vs Average Silhouette Score')
plt.xlabel('K')
plt.ylabel('Average Silhouette Score')
plt.show()

for i in range(2,11):
    print("The average Silhouette value of K = {} is {}".format(i,silhou_list[i-2]))

print('\n')
print('\n')
max_silhou = max(silhou_list) #Maximum value of silhouette score among all Ks
k = silhou_list.index(max_silhou)+2 #K value of the corresponding maximum silhouette score
print('We can observe that K = {} has the highest average silhouette score of {}'.format(k, max_silhou))
print('\n')
print('\n')

if k==2 or k==5 or k==10: #Since these values of k are already plotted we don't plot them again
    print("The wordcloud and reviews for K = {} is already output above.".format(k))

else: #Plot if not above
    print('\n')
    print("The wordcloud and reviews for optimal K = {} is plotted as follows.".format(k))
    print('\n')
    plot_df_wordcloud(data,labels_list[k-2],M_list[k-2]) #Since we already stored the list of labels and medoids

```

## Bag of Words using K Means

```

In [0]: import pandas as pd
final = pd.read_csv("grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(10000) #Gets 10000 reviews of positive and 7000 negative scores
neg_2000 = neg.sample(7000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1', 'Score'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
print("The shape of grouped data is {}".format(grouped_data.shape))

```

The shape of grouped data is (17000, 11)

Observations: A csv file is imported which consists of 200000 data points. These data points are already sorted on the basis of time. We create a new dataframe with over 17000 data points.

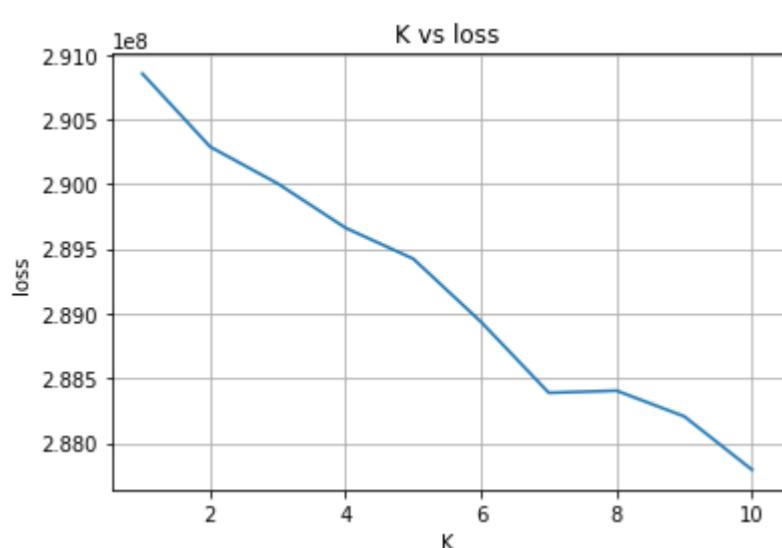
```

In [0]: from sklearn.preprocessing import StandardScaler
count_vect = CountVectorizer()
vocab = count_vect.fit_transform(grouped_data['CleanedText'].values.astype('U'))
data = StandardScaler(with_mean=False).fit_transform(vocab)

```

Observations: Data is vectorized and standardized.

```
In [0]: k_means(grouped_data,data)
```



Enter the value of K observed in the above plot: 7

Performing K means on K= 7  
Done!

Creating a dataframe with Reviews, Cleaned text and Clusters..  
Dataframe is created!

The number of reviews in each cluster is:

the number

0 491

6

5

3

2  
1

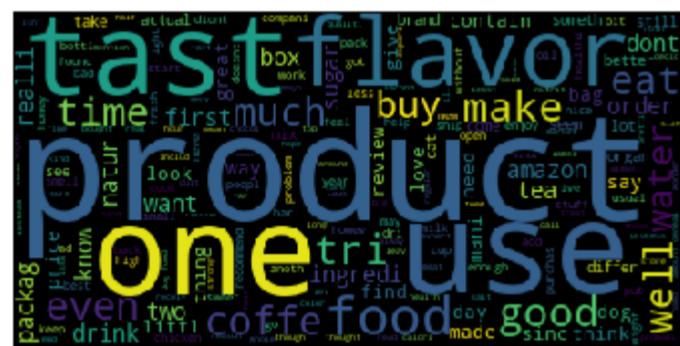
1  
N=

Name: Clusters, dtype: int64

\*\*\*\*\*

\*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 7 random reviews from cluster 0

Friends, I love good food. This Chili Kit by Carroll Shelby is excellent. It creates an extremely savory basic chili that is easy to adjust to your particular taste in the area as of: spicy/hot, salt, or thickness.  
  
The flavor created by the spices in the main packet is the best attribute. Lots of deep, low, earthy tones that have excellent complexity and subtlety.  
  
Another great feature is the brilliant strategy of putting the cayenne pepper in a separate pouch. I only put in a little. My wife likes her chili slightly warm: warm enough to be interesting. So, I put about 1/8th of the cayenne pouch when I cook the chili, then I sprinkle extra on only my serving when I eat my bowl-full. I like a little more warmth to add to the complex flavors without so much heat that I begin to lose the ability to taste all those wonderful layers of tastes.  
  
It is another exceptionally brilliant idea to put the salt in yet another separate pouch. Again, my wife does not like very much salt at all, so I don't put any in while cooking. I salt my bowl-full with some sea-salt, and in my opinion a little sea-salt REALLY brings out the complex flavors in this chili mix. I hope more products begin to put the salt in a separate packet. I think most folks would be appalled to see exactly how much salt is in the average meal-mix they buy: like Hamburger Helper for example. Plus for some reason good sea salt just tastes better than the cheap salt.  
  
Lastly, Mr. Shelby puts a packet of thickening powder in his kit - in addition to the main chili pack, the cayenne packet, and the salt packet. The thickening agent is simply finely ground corn meal and it does a nice job of thickening the chili if that is what you like and prefer. I have prepared this kit many times both with and without the thickening, and I like it both ways. I now just alternate for variety.  
  
PREPARATION TIPS from my personal preferences:  
\*Saute LOTS of onion to go in the chili. At least one large yellow onion, and I sometimes do one-and-a-half.  
\*Always use the optional 15oz can of diced tomatoes (don't forget to reduce the amount of water used, like the direction on the box say).  
\*Always use the optional 15oz can of beans. My favorite are dark kidney beans, but greatly enjoy black-beans, pinto beans, or about any chili-style bean. TIP: drain the liquid from the can of beans into a bowl, and use the liquid as substitute for part of the "water" called for in the recipe.  
Some favorite toppings in the bowl: sea salt, cayenne powder, diced white onions, pepper jack or cheddar cheese, black olives, guacamole, salsa, sour cream, tortilla chips.  
  
I will address some of the complaints by negative reviewers:  
1) A few said the chili was not very flavorful. Unfortunately in the USA most folks confuse "salt" with flavor. Since the mix has separate salt packet and none in the mix, I believe that nay-sayers have just not put in the prodigious amount of extra salt that they are used to associating with "flavor". As I wrote earlier, the chili benefits from some sea salt, but for my taste, does not need large amounts.  
2) Some may say the lack of heat is not flavorful enough. Well, there are folks who like things thermo-nuclear-hot, and you just can't get there with the little extra cayenne packet supplied in the kit. The chili with no cayenne at all is slightly warm, and varying amounts of the cayenne powder will satisfy the tastes of 99.999% of folks. For those who like more heat, add whatever crazy-hot stuff you require to get the heat you want.  
3) If your complaint is that it does not taste exactly like you want right out of the box (like some other brand perhaps), I disagree strongly, because I believe that the customization offered by the different pouches included, is a greatly beneficial feature. If they made it to taste exactly like YOU want, then it probably wouldn't taste like many other folks want.

The first four ingredients in the food are all named meat products. The first two of these are meat inclusive of water content (about 80%) and once that is removed it is likely that these ingredients would be more accurately placed somewhat further down the ingredient list (ingredients are listed in order of weight). However, since it is followed by two meat meal ingredient, our confidence in the meat content of the food is increased. We do note that this is followed by five grains, potatoes and tomato pomace ahead of the fat content, and this diminishes our confidence, making the food appear to be heavy in grain/carbohydrate content.  
  
There are further meat ingredients 14th and 15th on the ingredient list, though these are too far down to make up a substantive portion of the food.  
  
The main grains in the food are barley, rice (two forms), oatmeal and miller. These are low-allergenic and a good quality source of carbohydrates and additional protein. Potatoes are a further carbohydrate and protein source. Flaxseed is a good quality source of Omega 6 and Omega 3 essential fatty acids and the food contains a nice range of fruits and vegetables. We would prefer to see the use of whole eggs rather than egg product in the food.  
  
The manufacturer is guaranteeing the use of ethoxyquin-free meat and fish sources in their foods and a statement to that effect has been placed on the front page of their website.  
  
Overall this is a great food! However, these high quality foods such as [Orijen Adult Formula Dry Dog Food](http://www.amazon.com/gp/product/B000W5P0W6) or [Acana Provincial Prairie Harvest Grain Free Dry Dog Food](http://www.amazon.com/gp/product/B002BRD63I) or [Blue Buffalo Adult Dog Dry Food, Chicken and Rice Recipe, 15-Pound Bag](http://www.amazon.com/gp/product/B0009YUGAG) are better for your pet.

0 I received this product as a gift. I have baked scones from scratch many times and have eaten other prepared scones and bakery scones. These scones, in general, are unremarkable - OK, but nothing extraordinary. If you truly know what a scone should be, please do not be lead astray by its attractive packaging or the glowing reviews it received.  
  
This scone mix does have some merits. First, its ease of preparation of just adding water made quick work and a marketable selling point. Next, the scones do bake up tender as a scone should be. The ingredients are on the whole, and for the most part natural without unnecessary stabilizers and dough conditioners. I applaud any baking mix today that doesn't resort to artificial ingredients or preservatives.  
  
This is a shelf-stable mix so therefore a crucial ingredient, like butter, is substituted with cheaper canola oil. This sacrifices flavor and texture. There was an insufficient amount fruit in the scone. Since it was a gift, I do not know the exact price for the product, but from what I see being sold at Amazon, it is not economical. You could easily make your own scones resulting in higher quality and quantity. Scones are actually simple baked goods because there is not much to them that requires much time. The simplicity of them makes them divine and something not to skimp upon.

0 I was so utterly impressed with the packing of the plant (didn't make a sound when I rolled the box to check integrity) and the care taken to ensure the plant was safe and warm (heat pack included and STILL HOT!). Not only was I grateful that it took a full twenty minutes to unwrap my Orchid and the size and color were impressive, but I even liked the fact that the medium was dry, which decreased on shock and potential freezing of the roots if it were lost in the mail. I just received this orchid yesterday and literally cried AND kissed the leaves! It was B E A U T I F U L ! I was impressed in the size and quantity of pseudo bulbs. In fact, I was so impressed that five minutes ago, I order THREE more Orchids from this grower. A Wilsonara Kolibri, a Degarmoara Hani Star of Unicorn, and an Odontocidium Catatanante! I cannot wait to get them. They will be kissed to death just like my Sharry! I have wanted one since they started being available online and the prices and sizes baffled me. \$80 or more for a plant the size I got from this seller!! Not only that, but the cheapest ones, which were about \$30, were barely over four inches tall and only had one pseudo bulb! I am close to tears right now. I cannot say how impressed I was. The Orchid pot was covered in paper towels which were taped atop the bark mix, the entire plant was wrapped in SHREDDED newspaper INSIDE more paper wrapped around that AND taped THEN covered in packing peanuts AND the heat pack was TAPE to the box, so it didn't knock around and damage the Orchid! I have NEVER seen someone take such good care of a plant. I had another order arrive the same day from another company, in which I had ordered two Maranta Prayer plants. The soil was only covered with tape, nothing really to keep it in the pot (soil actually came through the bottom of the box) and they were set in the box unprotected and only surrounded by a few packing peanuts. The box was way oversized, the heat pack was ice cold, the plants could be heard moving just by tipping the box. Needless to say they were in complete shock! That is what I usually expect, and I prepare for it. This I was NOT prepared for. This order I am beyond pleased with. I cannot wait for the three I just ordered today. You have my total thanks and the packing is why I came back. Well, and the price. Haha. Thank you eternally.

0 Rose tea is so delightful, I am amazed it isn't bottled and sold in stores, or at the very least sold at high end coffee shops as a specialty item, as a lot of other teas are. Rose tea is simply that wonderful! It smells like you are standing in a field of roses and the taste is quite delicate.  
  
My favorite floral teas are jasmine and rose and, in my humble opinion, mixed together they make the perfect cup of tea. I take 2 jasmine tea bags and 1 rose and place them in a picture of nearly boiling water and let them steep together for about 4 minutes. The aroma is just wonderful and the taste is so delicious my 13 year old can't get enough of it, and that's saying something for a kid who picks soda over everything else when given a choice. (he does add sugar to his tea, but I enjoy mine plain or with a dash of honey).  
  
On a side note, you can make a wonderful spritzer for your face (& body) using this tea.. You can look online for ideas, but the basic concept is you make your floral tea (anyway you like) and mix it with water in a spritzer bottle that you keep in your refrigerator to mist on your face during the summer and/or winter to keep your skin hydrated and it smells awesome! Another great idea that I came across online, that I love doing is a weekly tea steam facial! I take one Numi rose tea bag and one Numi jasmine tea bag, place it in a silver mixing bowl & pour boiling water into it & let it steep for 2 minutes (please be careful not to get burned) and you place a towel over your head and let the steam open your pores. After 5 to 10 minutes rinse your face with cold water to close your pores. Your face feels wonderful and the scent calms your mind.  
  
I love the rose tea and would highly recommend it to everyone!

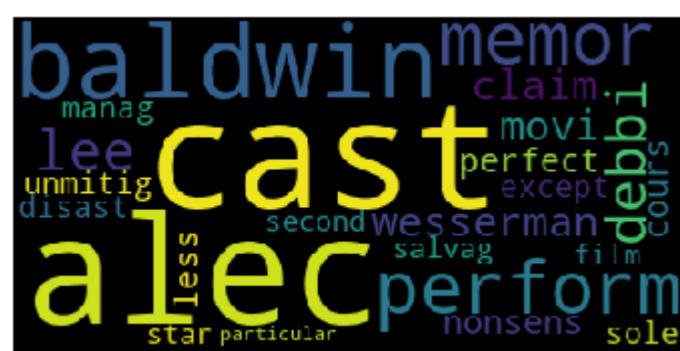
0 Saw this on Oprah's favorite things and thought it would make a great little Christmas gift for my friends that love cooking as much as I do. Since they come in packages of three, I kept one and gave two away. I couldn't open mine to clean it, so my husband had to open it and he had a hard time. I thought it was just too tight from the factory. My basil looked great after ten days. But when I went to use the basil, I could not open the pod. Husband not home...neighbor not home...dog missing thumbs. I tried lightly rapping it against the counter edge and the seam cracked right down the middle. (Okay, maybe a little harder than 'lightly,' I was pretty frustrated.) Luckily I had emptied the water, so I only had a small mess to clean up. The pod went into the garbage...forcefully. I checked with my friends. Friend #1 had the same problem and her pod is now a rooting capsule for plant clippings because she had to throw away the clear cover...it also broke when she squeezed the pod to try to open it. Friend #2 has now been warned. There were no special tips included on how to open the pod and judging from comments I've read, we're not the only ones who have had this problem. I think this was designed by the same guy that invented the security wrapping/tape on music CDs! I've gone back to my old method...a wide-mouth mayo jar with pretty hair band holding down a circle of fabric...it works!

0 First let me say I LOVE how they TASTE- but  
"/>"Warning Warning,, Dont buy canned goods manufactured in China,, there is usually LEAD in the soldering/lining of these cans,, TOXIC TOXIC"  
yes and thats not even my words, thats someone elses comment that I found when I did a search for "lead cans" and "china".  
make sure you know what you are getting. the country of origin is clearly labeled as being from china.  
I ate these and afterwards I didnt feel so hot all day long the next day.  
Also Its worth noting that I ordered 2 cans, and one of them came severely dented and damaged.  
Also make sure you realize that if you try to return them , it wont let you, its not allowed to be returned under amazons return policy -it told me that when I clicked on return items. The odds of you getting a dented can seem very high. And im sure that if there is lead in the lining, that denting the can will only make it leech even more.  
its really a shame that there isnt an american company canning and selling these figs! c'mon american companies , get with the program!  
taste and texture wise they are great. They come with too much sugar syrup in the can, but if you drain them and give them a bath in pure water you can get most of the sugar to come off, so thats fixable. If there is lead leaching into the fruit though, that isnt fixable, or acceptable. I cant confirm or deny at this time that there is definately lead, but I personally dont trust canned foods from any country outside of the usa.  
I know you can get lead toxicity from eating canned foods with lead lined cans, because I used to eat alot of canned papaya that was canned in tailand. I did a hair test a few months after eating tons of canned papaya, and the hair test showed me 23 times the normal limit of lead. Then i got a lead test kit to test the can and sure enough it was lead positive.  
im going to try to order another lead test kit and see if I can test these cans again myself, and maybe if I can get that done ill update this review with those results .  
meanime I have 2 more cans already ordered and shipped, and I guess I cant cancel or return them now and im gonna be stuck with the lead! I dont intend to eat them anytime soon, if ever. Id suggest severely limiting the amount of figs that you eat at once, if you do decide to eat them.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

Plot of Word Cloud



Printing all reviews from cluster 1

1 Debbie Lee Wesserman claims that "the casting for this movie is perfect, with only Alec Baldwin's performance less than memorable". This is of course nonsense - the casting was an unmitigated disaster with the sole exception of Alec Baldwin who manages to salvage a second star for the film with a particularly memorable performance.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing all reviews from cluster 2

I was never much of a tea person. My experiences with tea have been limited to Lipton, Community, some Bigelow, Celestial Seasonings and whatever brand that happens to be in use at the restaurants I visit. With Rishi's Earl Grey, I ventured into my first loose leaf tea experience.  
  
Culled from 1300 year old trees of the Yunnan mountain villages, this Earl Grey is strong, almost sweetened coffee-like in taste. If there's no coffee around, this tea would be my next choice. It contains bergamot oil as well. It has a strong aroma that hits you before you even open the inner lid of the container.  
  
I highly recommend this tea to fans of dark teas in general, as well as folks like myself who are more familiar with coffee and biscuits than tea and crumpets.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



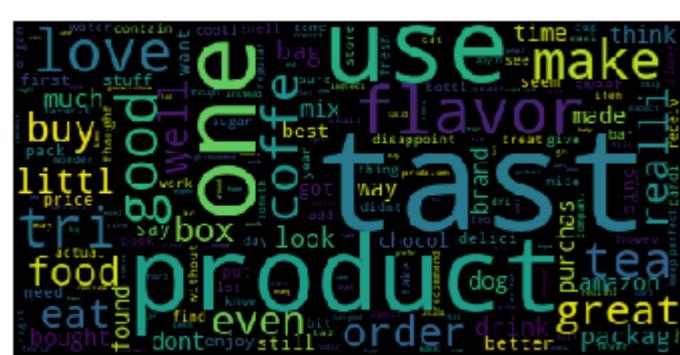
Printing all reviews from cluster 3

3 Chomped one down as soon as the pack arrived. First impressions: 'Way gooey but probably had been subjected to excess heat in PO truck. Salt dominates compared to other bars I've had that call themselves sweet and salty, which flavor combo I have liked very much but is not present in this bar. Dense and filling - satisfying - for its size.  
  
A bove all, anything that takes the time and effort to be and label itself Gluten Free gets a huge thumbs-up from me. Statisticians used to think about 1 in 250 in the US could not tolerate wheat or gluten; today's estimate is more like 1 in 100 as physicians are starting to think outside the boxes into which they were trained, and are recognizing celiac disease and/or wheat allergy as the causes of persistent, hard-to-diagnose intestinal problems sometimes presenting as late as the sixth or seventh decade of life.  
  
There is one small glitch here, not sure how small a glitch. These bars are clearly labelled Gluten Free but there is also a statement, "This product is produced in a facility that also processes soy, milk, egg, wheat, peanuts, sesame, tree nuts." This statement does not mean that the product is MADE ON machinery on which wheat has been processed, and then reused to produce these. (Even if that were the case, thorough cleaning should eliminate gluten.) But after I ate the first bar, I had the typical celiac reaction and couldn't figure out what I had done wrong, as I had not ingested anything with gluten. And I confess I didn't suspect this product. I waited 5 days and ate another bar. Bingo. Within 24 hours I again had that unpleasant intestinal reaction, and it was preceded by the painful gut-rumbling and feeling of pressure that always happen when I ingest gluten.  
  
Now it happens that I have enough scientific training to know that neither of these incidents proves causal relationship between ingestion and reaction. But it certainly has my eyebrows raised, and should make you wonder, too. An accidental ingestion of gluten is not fatal to the celiac but long-term it produces damage and short-term it is a real nuisance. I'm not providing all the graphic details of what happens to me.  
  
So back to the goo issue. I had put the remaining bars in the fridge. Yes, the second one, several days later, was far less gooey. But still, a lot of goo remained on the wrapper. (Would it get there if not exposed to heat? Dunno.) To me, that brings up two problems. First, my basic use for snack bars is to keep from getting too hungry while driving, so they get kept in the vehicle. Any crumbs that fall are going to be nasty cuz they are sticky as opposed to dry-crumbly which I can vacuum out easily. I did note that not too many crumbs fell.  
  
Second, sticky-wrapper disposal can be tricky and requires special attention. These are far more likely to attract vermin and again, stick to things and leave a residue I don't want. A sticky piece of wrapper just fell and disappeared as I was writing this review. It took some contortions and a flashlight to retrieve it but retrieve it I must or attract mice to my computer station. Speaking of mice, I now have to go get a wash cloth to get the stickiness from my fingers off the computer mouse.  
  
About the flavor, well, I was thinking that they might be ideal when I want a salt fix as opposed to a sugar fix. A close friend used to say that he thought I would eat hay if I thought it was good for me. Yes, I'm like that (snorts and whinnys). But these taste less like hay, more like cardboard.  
  
UPDATE, a year later: I stuck the box of these bars in the fridge and every once in a while when I have had the energy to tackle something difficult, I've eaten one. The jury is still out on the gluten issue - sometimes I've not had the gluten reaction. But I am even more firmly convinced that when a product is labelled "Gluten Free", that it should in fact be gluten free. Not just "maybe" like these. I mean really, it makes me wonder what part of allergic, etc. some people don't understand.  
  
The stickiness and hardness continue to be problems making enjoyment difficult but perhaps I've gotten used to that, expect it. Over time I have come to like the mildly sweet/salt taste better. Although I'm not totally thrilled with taste or texture, I have moved my rating from two stars to four.  
  
Thanks to the manufacturer for sending a whole box rather than just the single so often sent to Vine reviewers - I needed more in order to do a thorough review.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

## Plot of Word Cloud



Printing 7 random reviews from cluster 4

4 Has an oily film on it. Good flavor. Somewhat thick consistency. Made me question whether it was really raw. It seemed more manufactured or processed than other raw foods I've had.

4 Bob's Red Mill Roasted Oregon Hazelnuts tasted stale and over cooked. This is not a quality product and not good value for the money. Don't waste your money on this item.

4 This licorice is awesome. The very best I have ever tried. I will definitely buy more of this. So, if you love the flavor of black licorice on your tongue, you have to try this.

4 A little disappointed with Amazon here because although they advertise them, never got them and have received messages about delays three times so cancelled the order. I would have liked to try them. I usually love Amazon for just about EVERYTHING - and the shipping is absolutely wonderful - but not in this case. :-(

4 If you're from Brooklyn there's really only one chocolate syrup for your milk or egg creams. Fox's is THE cult favorite dating way back maybe even before trolley cars and the original TROLLEY DODGERS! No bona fide Brooklynite or ex-patriate, such as myself, would ever consider a substitute. Hershey be da---! This is the real deal; accept no substitutes. My only regret is the shipping cost from this purveyor. It's cheaper to get on a train and visit the nearest NYC Gristede's; and you get a day in Manhattan to boot! 5 stars plus for this wonderful, unbeatable product. Zero stars for the not to be believed cost to get it home. Demand it of your local supermarket manager.

I bought this sauce tonight because I felt like some linguine alfredo and it was on sale.  
  
I opened the jar and got a whiff of something completely artificial. I can't even properly describe it... it was like plastic. I thought, huh, maybe it just needs some garlic (I could smell no garlic whatsoever despite the self-described "roasted garlic" label). I mixed in half a tsp. of minced garlic. Nope... still smelled like melted plastic.  
  
I heated it up. It smelled worse. I tasted it. It tasted worse than it smelled.  
  
Bottom line is this... if you like alfredo, don't buy this. You'll only end up throwing out your dinner and most of a jar of sauce like I did.

I admit it! I am a coffee drinker all day long so I was excited to try this new blend. It smelled great brewing and when I tasted it I liked the flavor. Mild and not too acidity it really hit the spot. Some coffees can leave a nasty bitter after taste and I was pleased to see it was not so with this one. My husband also had some of this coffee and really liked it. If you are a coffee drinker give this one a try. It has a good flavor that you will enjoy.

My friend Bill and you are a service-oriented group and I am sure that you will have a good meeting.

Name: Reviews, dtype: object

Name: Reviews dtype: object

\*\*\*\*\* Cluster 5 \*\*\*\*\*

## Plot of Word Cloud



Printing all reviews from cluster 5

The name: "Crunchy Vanilla Sunrise" evokes a lot. The first word sets the tone, and unfortunately I tend to relate "crunchy" first with hippies, Earth shoes, organic detergent, underground homes, crystal-based religions, and a general flakiness. Now one could argue that "flaky" and "cereal" is a good mental association, but I doubt the copywriters and marketers were thinking in this vein. I think they were after the more visceral, literal, "Hey, Velma, by the great white beard of Odin, this here cereal is mighty crunchy! I can hardly hear myself think!" outcome. "Vanilla," on the other hand, is what got me to order this product. I love vanilla, and had to try this out. "Vanilla" had me thinking "deep, dusky flavor," as opposed to "dull," which the box's back panel tackles unflinchingly. And then you get "sunrise." Well, the mental association intent is evident here; it's all about setting a deep and contented feeling centered directly on the product, about the peace of morning and the promise of a new day, clear skies, golden light (see the box photo), bunnies, puppies, galactic serenity, etc.  
  
The package: the box I got is different than the official one shown here. I prefer the box I got over the one shown--the front panel is oriented more to the customer, instead of oriented on the manufacturer. If you're set on Nature's Path, then you'll find this product anyway; the company logo and name don't need to dominate the front of the box. As for the back panel, I dunno. What does "the sweet breeze of a Mexican sunset" have to do with breakfast cereal? Is this a travel cereal? And what exactly is a travel cereal, and how do I get it through customs? And what of the photos of a rain forest, a beach resort, a Mexican air mail stamp, and a sun-worshipping woman sitting in the dirt? Is this cereal best enjoyed in Mexico, in the dirt? That, and there's bold language about the "unique nutritional profiles of ancient grains . . .," although there is no further specification on what those profiles are, and why they are so totally extremely good for you.  
  
I do note that the front of the box, the top and one side panel call this product "Crunchy Vanilla Sunrise," while the back-panel copy calls it "Vanilla Sunrise Crunch." Which one is it? I prefer the latter, actually.  
  
The flavor dry out of the box isn't bad, and it would be an okay bagged snack for a hike or for a school lunch. It was better in milk, in my case the standard 2%. The very first thing I noticed is that this cereal separates in milk. Now me, I like a lot of milk, as I like that all-important crunchiness toned down a bit, and I like to drink the cereal-flavored milk when I'm done. If you're a sparse cereal-milker, then this won't be a problem for you. With more milk the [Kix](http://www.amazon.com/gp/product/B005GCSKKE)- and [Krispies](http://www.amazon.com/gp/product/B004078WRW)-like bits float, while the [flakes](http://www.amazon.com/gp/product/B003ZXCQ6) sink. You've got to actively stir and dredge the bottom of the bowl to get your fully mixed cereal bounty promised in the box photo.  
  
And the taste: I thought it was great. Very nice taste, with just the right amount of vanilla coming through. Dry or in milk, it is slightly sweet to begin with. I added a little bit of [Equal](http://www.amazon.com/gp/product/B000FMMTHU) to sweeten it up a bit more. The texture is a little screwy, with the crispies and flakes and puffs all mixing together, but once you start masticating, it's no longer an issue.  
  
Nutrition: I've provided a photo of the panel, so you sort it all out. The one thing that I notice is that there are more than 100 calories in a single, tiny serving, and that's before you even add the milk. No wonder it tastes sweet. And it's officially and certifiably organic, etc.  
  
Bottom line: Sure, I'd eat this cereal again. It's apparently good for me, which is a plus, and it tastes great. But at more than \$5 per box, and a small box at that, it's awfully spendy.

Name: Reviews, dtype: object



Printing all reviews from cluster 6

6 Weight Loss Benefits of Green Tea  
=====If you drink green tea you can-\* Lower Cholesterol  
\* Increase Thermogenesis (the body's rate of burning calories)  
\* Enhance fat oxidation  
Burns Fat Naturally  
Green tea contains high concentrations of catechin polyphenols. These compounds work with other chemicals to intensify levels of fat oxidation and thermogenesis, where heat is created in the body by burning fuels such as fat. Drinking Japanese green tea regularly will increase your metabolism and help burn fat safely and naturally.  
Lowers cholesterol and increases energy expenditure  
Green tea also causes carbohydrates to be released slowly, preventing sharp increases in blood-insulin levels. This promotes the burning of fat.  
The thermogenic effect was originally attributed to its caffeine content. However, green tea stimulates brown fat thermogenesis far greater than a comparable amount of pure caffeine. It appears that the catechin-polyphenols, in particular epigallocatechin gallate (EGCG), and caffeine that naturally occur in green tea work synergistically to stimulate thermogenesis and augment and prolong sympathetic stimulation of thermogenesis. It has been shown to increase 24-hour energy expenditure and fat oxidation (caffeine only increases metabolism during the time you take it).  
Weight is gained as excess sugars and fats are stored in the body as fat cells. Green tea catechins can help prevent obesity by inhibiting the movement of glucose in fat cells. Epigallocatechin gallate (EGCG) has been found to be especially effective. There is now good evidence that green tea catechins are related to reductions in body fat.  
EGCG is a powerful antioxidant with positive qualities but a balanced diet and exercise, lots of it, are of paramount importance to any weight reduction program.  
Green Tea and Weight Loss  
=====by: Kathryn O'Neill  
There's recently been a LOT in the weight loss news concerning green tea.  
Green tea's weight loss effects have been causing more and more people to start sipping the ancient Chinese or Japanese brew.  
But just how does green tea help you lose weight? And does it really work or is it all just hype? This article gives you the real facts about drinking green tea to lose weight.  
Advantages of Drinking Green Tea for Weight Loss:  
1) Green tea revs up your metabolism  
A study reported on in the American Journal of Clinical Nutrition, found that green tea extract resulted in a significant increase in energy expenditure (a metabolism 'boost').  
The researchers also concluded that that over a 24-hour period, green tea extract increases the metabolic rate by 4%. These effects are probably due to the high concentrations of catechin polyphenols found in green tea. These work to help intensify levels of fat oxidation and thermogenesis (the rate at which your body burns calories).  
2) Green tea inhibits fat absorption and helps glucose regulation  
Experts tell us that the catechins in green tea help to inhibit the movement of glucose into fat cells. Green tea may also act as a glucose regulator. It helps to slow the rise in blood sugar after a meal. This prevents high insulin spikes (lots of insulin promotes fat storage) and the subsequent fat storage.  
3) Green tea may help reduce appetite  
Scientists at the University of Chicago found that green tea caused rats to lose up to 21 percent of their body weight. Rats injected with a green tea extract lost their appetites and consumed up to 60 percent less food after seven days of daily injections. This may have something to do with the blood sugar regulating effects of green tea.  
4) Green tea can help you save calories on your morning brew  
We are a nation hooked on our java. Be it the regular double-cream, double-sugar standard or that mocha, dappa, frappuccino, the calories we ingest just to get our morning caffeine is wreaking havoc on our waistlines.  
If you want to save mega-calories in the morning but still get your caffeine fix, try substituting green tea for coffee. Or have a green tea in the afternoon instead of that 700 calorie mocha-chillate dream. You'll definitely notice the difference in your waistline after a few weeks.  
So there are 4 ways that green tea can help you with weight loss. But how much do you actually have to drink to get these amazing metabolism boosting effects?  
Experts vary but the general consensus seems to be that 3 - 5 cups of green tea per day is optimal. Doing this can help you burn an extra 70 calories per day which amounts to 7 pounds per year. Pretty good for not exercising or cutting calories, right?  
However, 3 - 5 cups can be a lot for some people, so you might also want to consider green tea extract, green tea pills or a green tea patch.  
Disadvantages of Drinking Green Tea For Weight Loss:  
#1) Green tea is not a magic bullet  
While some people will tell you that green tea is the be-all-end-all for weight loss success, I think the keyword here is balance. You're not going to eat 5000 calories a day, drink a cup of green tea and make it all go away - it just isn't going to happen. A healthy diet and increased exercise will go a long way in helping you lose weight and keep it off.  
#2) Be cautious of the caffeine if you have health problems  
For some people that have heart troubles, high blood pressure or stimulant sensitivities, the caffeine in green tea may not be the best idea. If you're worried about the caffeine from green tea, try taking green tea extract. Most green tea extract is made from decaffeinated green tea so you can still get the weight loss benefits without the caffeine.  
If you think the caffeine may be a problem, make sure to consult your doctor before starting green tea for weight loss. Also make sure to consult your doctor before starting green tea if you are pregnant or breastfeeding.  
\*\*\* Bottom Line \*\*\*: Green tea helps you with weight loss by boosting your metabolic rate, regulating your blood sugar, suppressing your appetite and giving you something else besides that high calorie, high sugar coffee beverage to drink in the morning. While it's not the magic bullet, it can definitely give you a boost in weight loss and in your overall health!  
Green tea may benefit some more than others  
-----At the recent International Research Conference on Food, Nutrition and Cancer sponsored by the American Institute for Cancer Research (AICR), scientists presented new evidence about phytochemicals in green tea that may help prevent normal cells from developing into cancer and spreading.  
Yet people may wonder if drinking green tea is worthwhile, because the Food and Drug Administration (FDA) refused to allow a health claim for green tea on labels this summer.  
Although more evidence is needed to justify a strong statement about green tea's ability to lower the risk of cancer, it is not a bad idea to include this beverage in a healthful, mostly plant-based diet.  
Black tea is the most frequently consumed tea in the U.S., but green tea contains far higher levels of the phytochemical EGCG. Both oolong and black teas, including the common orange pekoe, lose some of their EGCG as they are processed. However, green tea leaves are steamed or baked before they can oxidize, so their EGCG levels remain high.  
Since it is a powerful antioxidant, EGCG may help prevent both heart disease and cancer. It helps to stabilize highly reactive molecules known as free radicals that can damage blood vessels and increase the risk of heart disease, or alter the DNA in our genes, promoting cancerous changes. In addition, EGCG may protect against cancer development by increasing the self-destruction of cancer cells and by affecting enzymes and the signals between cells, slowing the growth and multiplication of cancer cells.  
Related content  
\* Scientists find how green tea fights cancer  
\* Green tea doesn't lower cancer risk, says FDA  
But while the evidence of EGCG's ability to deter cancer is quite strong in laboratory studies, population studies show much less consistent benefits. The inconsistent population evidence is one of the primary reasons that the FDA recently refused to approve a health claim on the labels of products with green tea that would link its consumption with lower cancer risk.  
Benefits some more than others  
In the FDA's view, the effectiveness of foods in laboratory studies is merely background material. Consistent evidence among populations is key to supporting health claims. However, researchers point out that the laboratory studies, which are overwhelmingly positive about the health effects of EGCG, are necessary to explain the results of population studies. Without them, we would not know what EGCG is or what it can do.  
Furthermore, inconsistent results from population studies do not mean that there is no benefit to drinking green tea. Human studies show that the antioxidant capacity of the blood does increase about an hour after drinking green tea.  
Other studies show that markers of DNA damage decrease after drinking even black tea or decaf green tea, both of which contain less EGCG than regular green tea.  
The differences in health impact that are seen among green tea drinkers in population studies may mean that green tea benefits some people more than others. Genetic variations, varying exposures to risk-producing substances like tobacco, or different diets could all help explain the differences seen in these studies.  
One study, for example, suggests that tea and soy may produce contrary benefits. Eating one of these foods may decrease the potential benefits from the other one.  
Drinking massive amounts of green tea will never be able to save us from the ill effects of overeating a poorly balanced diet and living a sedentary lifestyle.  
Eating a mostly plant-based diet, maintaining a healthy weight, keeping physically active and avoiding tobacco are the most effective steps we can take to lower our cancer risk. However, for those of us who would like to do a little more to reduce the risk of cancer, replacing three or four cups of coffee or soda per day with green tea is a reasonable step that may bring a variety of health benefits.  
  
[Lipton Green Tea - 100% Natural, 2009 New Spring Green Tea, 50 Fresh Tea Bags from China by A2AWorld Green Teas](http://www.amazon.com/gp/product/B002K2MUY)  
<br />&lt;the end>  
Name: Reviews, dtype: object

## Observations:

1. Through the elbow plot it can be observed that  $k = 7$  can be considered as an optimal K value.
  2. Cluster 4 has 16504 and cluster 0 has 491 data points. Rest all clusters have one data point each.
  3. Cluster 0 consists of frequently occurring words like 'product', 'one', 'tast', 'use'. It can be inferred that the product used tastes good and its flavour is liked by most customers.
  4. Cluster 1 looks like a completely different product compared to rest all as it is about a movie starring Alec Baldwin.
  5. Cluster 2 talks about beverages like tea and coffee.
  6. Cluster 3 is about a product about gluten free bar containing wheat which the customer could ingest well.
  7. Cluster 4 consists of words like 'tast', 'product', 'one', 'use'. Most of the customers liked them.
  8. Cluster 5 is about a vanilla flavoured cereal.
  9. Cluster 6 is about green tea. The customer talks about its benefits while describing various studies.

## Bag of words using K Medoids

```
In [0]: import pandas as pd
final = pd.read_csv("drive/grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(10000) #Gets 12000 reviews of positive and 7000 negative scores
neg_2000 = neg.sample(7000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
scores=grouped_data['Score']
print("The shape of grouped data is {}".format(grouped_data.shape))
```

The shape of grouped data is (17000, 12)

Observations: A csv file is imported which consists of 200000 data points. These data points are already sorted on the basis of time. We create a new dataframe with over 17000 data points.

```
In [0]: from sklearn.preprocessing import StandardScaler
count_vect = CountVectorizer()
vocab = count_vect.fit_transform(grouped_data['CleanedText'].values.astype('U'))
data = StandardScaler(with_mean=False).fit_transform(vocab)
```

Observations: Data is vectorized and standardized.

Lets perform dimensionality reduction techniques like TruncatedSVD and select the number of components with good explained variance

```
In [0]: svd = TruncatedSVD(n_components = 2000)
data = svd.fit_transform(data)
print("Percentage of variance retained is {}%".format(svd.explained_variance_ratio_.sum()*100))
```

Percentage of variance retained is 56.10360178967093%

Observations: Dimensionality reduction is performed and percentage of variance retained is shown.

```
In [0]: D = pairwise_distances(data)
```

Observations: Pairwise euclidean distances are calculated from each point.

In [0]: `implement_kmedoids(grouped_data,data,D)`

===== When number of clusters is 2 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:  
1 16893  
0 107  
Name: Clusters, dtype: int64

\*\*\*\*\*

The number of Medoids formed are 2

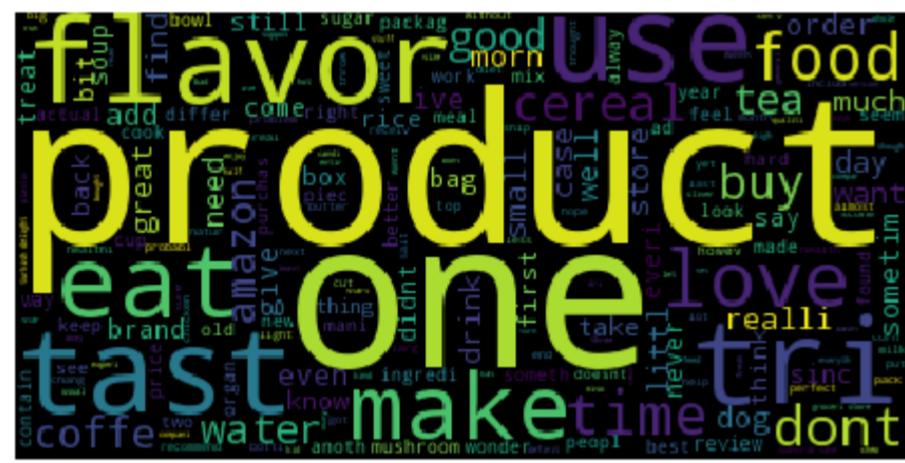
Printing Medoid reviews

I eat these with my cereal every morning and love them. I order them by the case because sometimes it is hard to find the slivered ones at my local store.

Tastes great and the price was good.

\*\*\*\*\* Cluster 0 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 0

8490 Seriously WTF was Kikkoman thinking releasing this product. Makes me wonder if they even did any product testing, because anyone in their right mind would know this stuff is foul tasting. The lemongrass is way overpowering, there is barely any curry taste, it is sour mostly. Avoid at all costs. Major letdown

8870 I generally don't write bad product reviews, but in this case I'll make an exception. I switched from using sugar in my coffee to agave due to the low glycemic index, but also because it seemed simple to use, and the liquid is much easier to dissolve if I wanted to use it in a cooler liquid, such as iced tea. This was the first agave I ever purchased, and I am now a big fan. However, that is IN SPITE OF this Xagave product, NOT because of it. The bottle design for this agave nectar was beyond frustrating to me. The design of the bottles included a clear plastic top, which came off completely, and a little nub with a hole on it that you pulled up so that you could squirt agave out, and then pushed back in when you were done (kind of like an old-school water bottle), and then you put the clear plastic top back on again. There is NO way this design was actually tested by a conscious living human before it was put into production. You could not use this product without leaving at least a tiny bit of agave around the spout thing every single time you used it. The next morning, you left a little more, and so on and so forth, until the top of the bottle (including the little plastic top thing) were so disgusting and sticky that I actually started to dread my normal cup of coffee every morning. I literally counted down the days until we were finished with this product (yes, I refused to waste it by throwing it out); not because I planned on quitting agave. No, only because I wanted to quit making a sticky disgusting mess every morning with my coffee. Honestly, I can't believe I'm the first one to complain about this. Am I the only one who received this type of dispenser top? Is this some sort of elaborate agave practical joke?  
Bottom line, I like agave. Strongly support it. I hate this bottle. In my nightmares, a giant version of this bottle leaves sticky puddles of disgustingness that I get stuck in until the end of time. Until the bottle design is changed, don't buy it. I've used other agave and it has all tasted just as good. Buy one that won't frustrate you with each use.  
Note: If the bottle has changed in any way, someone please comment on my review and say so, and I will change my review to reflect that. As of today (09-14-11), one of the pictures Amazon is using looks like it has a different dispenser/tap than mine, while another picture shows the same tap I had on my bottles. A flip-top would basically solve all of my complaints; I switched to a different brand (Wholesome Sweeteners Organic Blue Agave), and the flip-top design is perfect.

8893 My pup, Miltie, is 7.5 months old and so far he's not tired of the Zuke's treats at all, and he's had them since the first month I brought him home. He sometimes eats too fast, but I've had no problem with him throwing up. Other treats have given him "poopy" messes, but he doesn't have that with Zuke's, which are worth the money. He's had PB & Chick'n mini treats, Filet Mignon chews...he adores them all, and the 16-oz. bag of mini treats can last him a long time. The trainer is his puppy kindergarten class recommended these, and I'm glad she did.  
I'd like to get the "Dental Fresh Breath" treats, but Amazon.com doesn't ship them and the shipping is almost as much as the product...that's not cool.

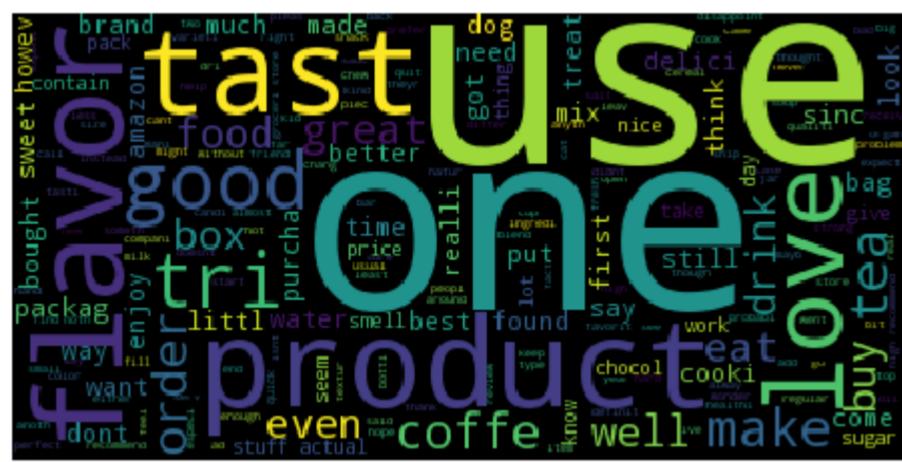
8970 I bought this product to use while camping & on motorcycle trips - it works great as a soup base with udon or soba noodles and a handful of locally purchased or foraged veggies. It's also very handy to keep some when I'm traveling on the California coast and end up in a fog bank - more nutritious than a cup of coffee and it gets me home!

9053 I, like another reviewer, wanted that delicious clear broth with mushrooms and onions in it in a japanese restaurant. This soup looks like it, but certainly wasnt the taste I was expecting, and didnt taste like the soup id get locally. Oh well. Regarding the actual taste, its most prominent flavor is fish. I thought it was too fishy, but I do understand people have different tastes so I wont knock its rating down for that.  
  
The reason I gave it only 2 stars is what I didnt taste or see. The next prominent flavor is soy sauce. Other then that, theres really not much to this soup. The mushroom and onion "flakes" (I would call them slivers) are small in number and dont contribute much. There were a total of 3 pieces of wheat which added very little. At over a dollar per packet I would say the value is pretty bad. Ramen noodles are cheaper then this, and you get more in the seasoning packet from those then this soup. I would have liked to see larger sized mushrooms and onion. It doesnt really look like the picture - my soup was some straight slivers the thickness of rice grains sitting at the bottom. They were pretty pathetic. I dont believe kikkoman is a "higher quality" and thus you get what you pay for. They could have included more dehydrated onions or scallion. I was disappointed.  
  
If you like fish, you might like this soup, but I didnt enjoy it and dont think its a good value. To me, I would call this soup "fish broth with added soy sauce". I just didnt get any of that "mmm!" umami flavor that I recognize. Im sure some people will really like the flavor of this soup, but I'd highly recommend trying to buy one packet locally so you can try it before buying in bulk. If you dont like fish, dont bother at all.  
  
Oh well, i'm going to try their miso soup next.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

These where just plain awful. White-ish color and crusty. They had a very bland taste and what taste they had was bad, not sweet or sour just awful. I gave 1 star only because you can't give ZERO stars.

8501 I love both Marmite and Vegemite, but have always preferred Marmite. I recently exhausted my last jar, so decided to order the 4 pack from Amazon since I live in the US and it is hard to come by. Now, my previous jars of Marmite were a thick, nearly black paste, resembling bearing grease, but this stuff is so thin I can almost pour it out. It's also much, much lighter in color. I made a couple of slices of toast and spread one with my Vegemite, the other with my new Marmite. I was shocked at the lightness of the Marmite. More shocking was the flavor seemed to be less intense than the Vegemite, which was not the case before. I have since read that many long time Marmite fans have been complaining about a change in our beloved spread. Unilever denies any change in the recipe, but that is nonsense. It's still tasty, and the seller ships quickly, so I'm giving it 4 stars, but I'm beginning to prefer Vegemite over this "new" Marmite. The "old" Marmite is a solid 5 stars.

8502 I ordered these to keep in my dorm, and opened a box in order to try them. They are a bit on the dry side, but with a glass of cold milk they are delicious. They are rather small and there aren't many in a box, but they are filling and taste very good.

8503 This, also, isn't worth the money they want for it. I sprayed my carpet & guess what!!! I still had fleas 3 days later! Don't waste your money!

8504 i used to give a piece of wood for a toy. My dog has been 7.5 years now... His teeth got plagues so i need to clean up because he can't... after survey, the c.e.t. enzymatic chews was my choice and think it is perfect decision. It works very well... after two pieces, his teeths become whitening... and the smell also fresh... it is good to improve your dog's teeth condition better, i think...

Name: Reviews, dtype: object

===== When number of clusters is 5 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:

1 16894

2 93

3

4

0 1  
N = 1200

Elmendorf's Medical Library

Resumen Madrid 2011

I fell in love with haggis on my trips Scotland. When visiting a Scottish shop in NC I purchased this brand along with another brand advertised here on Amazon (Caledonian Kitchen), just to compare. Neither one are quite like the real stuff, but what canned food is as good as the original? Both are tasty although both are a bit mild compared to what I enjoyed in Scotland. I think I prefer the taste of this one. This brand seems to be a tad spicier than the CK and not so heavy on the liver. I add a bit of ground black pepper and nutmeg which helps. I was happy to see it on Amazon, but the price added with shipping costs keeps me from purchasing it. For the little difference in taste, I ordered the less expensive CK in the 3 pack. I'll wait till I go back to NC or another Scottish shop to buy this one.

I have been a fan of Twining's English Afternoon Tea for several years. It's a robust tea, but doesn't have the edge of or cause the heartburn of English Breakfast Tea. Add a little cream or half & half and it's a satisfying treat in itself.  
Unfortunately, English Afternoon Tea is hard to find. Only one grocery store in my area carries it and because it is so popular, is often out of it. I am delighted to be able to order this tea from Amazon (and at a much lower price -- about \$3 per box from Amazon vs. \$4.69 per box at my local store!).

I have been buying dried peaches all the time through Sahara. My local store has increased the price this year and I started looking on Amazon. Found this one and ordered. It took almost a month to arrive and smells terrible. I am pretty sure that the manufacturer used Sulfur dioxide to process the peaches and left this stinky smell. I was in a hurry to travel to EU for a month right after I received the peaches and was not able to file a return. Do not buy if you care about your health. The product description does not include using this chemical for processing. I gave one star because I could not give lower.

Well, there really isn't much that you can write about a product that is as simple as water, so I'll try to keep this review brief. When it comes to bottled water, I either like their taste or I don't. The ones that I like are Desani and Nestle waters, with most of the other ones not making the cut. Essentia is definitely in the "like" category, so if you have a similar taste to mine you'll like this one as well. I've been reading about the benefits of 9.5 pH for your health, and they seem persuasive so if this is something that you might be interested in then I'd say to give this water a try. The 1.5 liter bottle is a bit too large for me, so I'd probably go for a smaller size (0.5 liter or so) in the future. I also like the sports bottle shape of the cap more, but I don't think that Essentia comes with those kinds of bottles. Overall, very satisfied.

\*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing random reviews from cluster 0

2805 I fell in love with haggis on my trips Scotland. When visiting a Scottish shop in NC I purchased this brand along with another brand advertised here on Amazon (Caledonian Kitchen), just to compare. Neither one are quite like the real stuff, but what canned food is as good as the original? Both are tasty although both are a bit mild compared to what I enjoyed in Scotland. I think I prefer the taste of this one. This brand seems to be a tad spicier than the CK and not so heavy on the liver. I add a bit of ground black pepper and nutmeg which helps. I was happy to see it on Amazon, but the price added with shipping costs keeps me from purchasing it. For the little difference in taste, I ordered the less expensive CK in the 3 pack. I'll wait till I go back to NC or another Scottish shop to buy this one.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

Printing 4 random reviews from cluster 1

8499 If you are a fan of Larabars like I am stick with the fruit bars. They are delicious. I ordered these without trying them and was very disappointed. They are dry and not the least bit sweet. You do have to realize that you are not eating a candy bar, and that there is only 3-4 ingredients in most Larabars. This works for the fruit flavors but not for this particular Larabar. I would not order them again.

8500 These where just plain awful. White-ish color and crusty. They had a very bland taste and what taste they had was bad, not sweet or sour just awful. I gave 1 star only because you can't give ZERO stars.

8501 I love both Marmite and Vegemite, but have always preferred Marmite. I recently exhausted my last jar, so decided to order the 4 pack from Amazon since I live in the US and it is hard to come by. Now, my previous jars of Marmite were a thick, nearly black paste, resembling bearing grease, but this stuff is so thin I can almost pour it out. It's also much, much lighter in color. I made a couple of slices of toast and spread one with my Vegemite, the other with my new Marmite. I was shocked at the lightness of the Marmite. More shocking was the flavor seemed to be less intense than the Vegemite, which was not the case before. I have since read that many long time Marmite fans have been complaining about a change in our beloved spread. Unilever denies any change in the recipe, but that is nonsense. It's still tasty, and the seller ships quickly, so I'm giving it 4 stars, but I'm beginning to prefer Vegemite over this "new" Marmite. The "old" Marmite is a solid 5 stars.

8502 I ordered these to keep in my dorm, and opened a box in order to try them. They are a bit on the dry side, but with a glass of cold milk they are delicious. They are rather small and there aren't many in a box, but they are filling and taste very good.

8503 This, also, isn't worth the money they want for it. I sprayed my carpet & guess what!!! I still had fleas 3 days later! Don't waste your money!

Name: Reviews dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 2

8035 My wife and I, at least, are agreed that these chips are pretty much indistinguishable from the normal potato chips we've always been used to. They are flavorful and crisp y. That's what you are looking for in a potato chip. The price is pretty much the same as regular potato chips too. At our local grocery, they were about \$4 a bag. These are one of the few food items that appear to cost much MORE on Amazon (because it is an Amazon seller and not Amazon itself selling them).  
  
They do use Olestra as a fat substitute. Olestra is a no-calorie fat substitute discovered by Proctor and Gamble back in the late 60s. It was finally approved as a food additive almost 30 years later. It has the warning o f side effects of stomach cramps and diarrhea. However, these side effects are not supposed to occur unless you consume a large amount of it in a short space of time. I have not be en eating these for long, but I have not experienced these side effects. Should they eventually occur, I will update this review.  
  
These chips are only 75 calories for ap proximately 20 chips. Most "regular calorie" chips you eat will post somewhere around 150 calories for 11 or 12 chips. So comparatively (even tho the packaging says 50% of the calo ries, effectively its 30% of the calories of most regular potato chips portions. I brought these home, mixed up some French Onion dip using 0% fat Greek yogurt (which to me tastes VERY similar to sour cream), and made a small plate each (one for me and one for my wife) of about 10 of these chips and a heaping soup spoonful of the dip. This resulted in a nice little afternoon snack for only about 60 calories! With regular potato chips and dip made with sour cream, you'd be in the 225 to 250 calorie range. To me, the dip tasted a little sharper than when made with sour cream. It is different, but it is still good. Of course, part of that may just be the brand of Onion Soup mix I used. I used a package of store bra nd mix, rather than say Lipton, and I'm sure there is a difference in the flavor I'm used to just from that.

8587 I do get bouts with reflux, and try to cut back on things like coffee, chocolate, mint, and other things that they say accentuates it, but this coffee doesn't taste very go od. Kind of metallic.  
  
We made it with filtered water in the same coffee maker we use for our regular brands, and it was just ewww. Sorry to the folks who make this but it just wasn't there for me.  
  
I like New Orleans coffee because when they add chicory, you get robust flavor with less caffeine and acid because you don't need as much to be satisfied. You can also buy chicory and add it to standard coffee. My favorite of the standard brands is still Folgers.  
  
Mrs. Olson was right. Mountain grown is the ri chest coffee.

8650 I can understand why so many people love this sandwich bread. Especially when compared to pre-made frozen loafs of gluten free bread, this is especially good. It compares v ery favorably to "real" sandwich bread.  
  
So why the 4-star review? No single reason was worthy of removing a whole star from my rating, but taken all together, there were several things that left me less than excited about the bread. The main issue is that although the bread has a wonderful texture, is soft, moist, and chewy, it was too moist to mak e decent grilled cheese. The grilled cheese lacked the necessary structural integrity to hold together while flipping over and we had some difficulty with that. In my household, th is is a big deal. Grilled cheese is my husband's favorite dinner, and he's pleased as punch that we can have grilled cheese again, but was very clear that this was not the best glu ten free grilled cheese he's had. He's not gluten free himself so his standards are pretty high, I'll grant you that.  
  
Additionally, the PBJ test wasn't ideal. The bread had all the qualities I would have expected would make a delightful PBJ, but the peanut butter and the jelly seemed to get lost in the bread. The bread is a little "wiggly" too, wh ich made the slices hard to keep from tearing apart when handling. cutting the sandwich in half helps.  
  
I also tested different storage methods for this bread. It kept we ll on the counter, wrapped in plastic. It also did well frozen, and defrosts on the counter quite well. Storing in the refrigerator is not recommended, however. The moisture conten t of the bread is high enough that storing in the fridge leads to condensation inside the plastic, making for slimy, soggy bread. Not good. But who says you have to store it in the fridge?  
  
Making the bread was easy with a stand mixer. It took all of ten minutes to make the dough and get it into the pan. The dough isn't nearly as sticky as the dough from the French Bread mix, but the process is basically the same. It's got a relatively short bake time, as well, at 30 minutes. This makes it less time-consuming to make than many other mixes and recipes. I'm continuously pleased with the mixes that Gluten Free Pantry produces.  
  
So yes, overall this was a great loaf of bread. Not my favorite, and n ot the best for grilled cheese or PBJs, but I can definitely see why it's so popular, and if you're looking for a loaf of bread that's close to the "real deal," this will probably make you very happy.

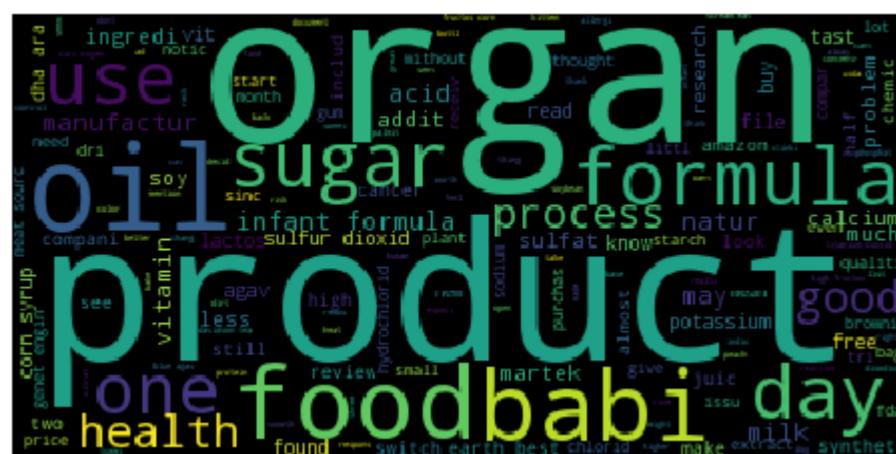
8738 I've purchased 4 boxes of Bobo's Oat Bars in the Chocolate variety from Amazon in the past month. An acquaintance had told me how delicious they were, so I took a chance a nd purchased my first box before I embarked on a trip, planning to take some along for the journey. Unfortunately for my wallet, every person but one to whom I gave a bar loved th ese, so I sent some a box to enjoy. Prior to my first purchase, I did not realize these are soft, sort of brownie like in texture, a little sweet in a molasses sort of way (no mol asses in the recipe, though), crumbly, and with two servings in a single bar. Fortunately, I placed a bar in a small resealable plastic bag for the airplane trip, so I was able to break off a little piece any time I felt hungry. That bag was a saving grace because when a bar was gone, I replaced it with another and you won't believe how often I pulled out t hat little bag. I ordered the first box as a gift after I put a little bite into my father's mouth while he was busy enjoying himself at a slot machine and I realized that he need ed to keep these on hand for him and Mom to have on the days they go out. For those who have few teeth, these are edible because of the soft texture, yet they provide an enjoyable flavor. Hiker's took these along for a day trip, not worrying about the double serving per package, happily eating the entire bar. As they put it, they felt like they had a brown ie along for the trek, much more enjoyable than other bars they'd taken in the past. One sister has enjoyed these on days when she's been unable to break for lunch at work, having them with coffee or tea and some deep breaths. Without eggs, butter or flour, they are terrific, even though Earth Balance has never been my favorite flavor. I'll admit that I wa s expecting a firmer bar with visible chocolate chips, but after the surprise of a crumbly moist baked good with a not very sweet cocoa flavor, I was hooked. I will gladly try the other varieties when I can find them for a lower cost than over two dollars per bar. A retail value of about thirty dollars is too high for a dozen bars, so I've deducted a star f rom this review. The one friend who did not love her Bobo's Oat Bar thought it tasted like cardboard and she claimed to have forced it down at work. She loves the SOYJOY bars whi ch I do not care for, so I guess the world is balanced.

8788 I love drinking tea, and Earl Grey has been my choice everywhere I go. I enjoyed brewing tea from tea leaves, a habit that I have given up for the ease of tea bags. Twini ng tea had always been my pick until this last purchase from Amazon. Earl Grey totally lost its poignancy. Even two bags of tea could not brew a decent cup of tea.  
  
At first I thought it was the recent degradation of Earl Grey tea as a result of climate change etc. Then I tasted other brand's Earl Grey and found acceptable. I went to the length and bought another pack of Twining Earl Grey tea from a grocery store, and I tasted alright. So I can only conclude the tastelessness of Twinings Earl Grey is associated with pack ages I bought from Amazon.  
  
I found this to be true with Amazon's Darjeeling tea as well.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

Plot of Word Cloud



Printing random reviews from cluster 3

14173 I have been buying dried peaches all the time through Sahara. My local store has increased the price this year and I started looking on Amazon. Found this one and ordered. It took almost a month to arrive and smells terrible. I am pretty sure that the manufacturer used Sulfur dioxide to process the peaches and left this stinky smell. I was in a hurry to travel to EU for a month right after I received the peaches and was not able to file a return. Do not buy if you care about your health. The product description does not include using this chemical for processing. I gave one star because I could not give lower.

14653 A lawsuit filed in federal court following multiple dogs dying after eating Waggin' Train "Yam Good" dog treats and also Waggin' Train jerky tenders--produced and supplied by JOC Great Wall Corp. Ltd. of Nanjing, China for Nestle Purina Pet Care Co. If you love your dog, would avoid this product and others made in China.

14928 Yes, this product can give you cancer, but so can toothpaste and a lot of other things we take for granted. You're gonna die some day from something, so if you really like this gum, why not, right? It's probably safer than smoking cigarettes.  
  
"Titanium dioxide dust, when inhaled, has been classified by the International Agency for Research on Cancer (IARC) as an IARC Group 2B carcinogen possibly carcinogenic to humans." -- Wikipedia.  
  
Of course, Xyloburst is by no means the only gum with titanium dioxide. Spry has it too, and so do a lot of other brands, with the notable exception of xylichew, which does not. So if cancer isn't your thing, then buy Xylichew. For my part I have noticed that I cough a lot more after chewing a lot of gum, probably because of all the titanium dioxide dust that gets stirred up by chewing. What is the titanium dioxide for? Why, color. The manufacturer has determined in his infinite wisdom that our brains will explode if we see a piece of gum that is not perfectly white. So he put a carcinogen in a purported "health food" product, making fools out of all the trendy folks that pay a premium for a one-way ticket to the cancer clinic.  
  
I give three stars, because I really did like the texture, flavor and the fact xylitol was used instead of sorbitol. I think Xyloburst is pretty close to being worth a try, just not there yet. The cancer thing is kind of a buzzkill, you know?

15446 I do not know what is in these brownies to cause these reactions, but hear and heed my warnings. I wish I'd read the truth, the naked truth, the unvarnished and ugly truth:  
h:<br /><br />1 Brownie - strange tummy rumbles. Sounds like thunder. Caution, you want to be near the plumbing fixtures.<br /><br />2 Brownies - Thunder, plus the most unexpected gastro warnings. Think a high wind on the Sahara. You might want to move the chair closer to the bathroom. Start practicing your prayers.<br /><br />3 Brownies - You should just make your bed in the bathtub. You'll be there all night.<br /><br />More than 3 Brownies: The refrain: "Dear God in heaven" is heard echoing against the porcelain.

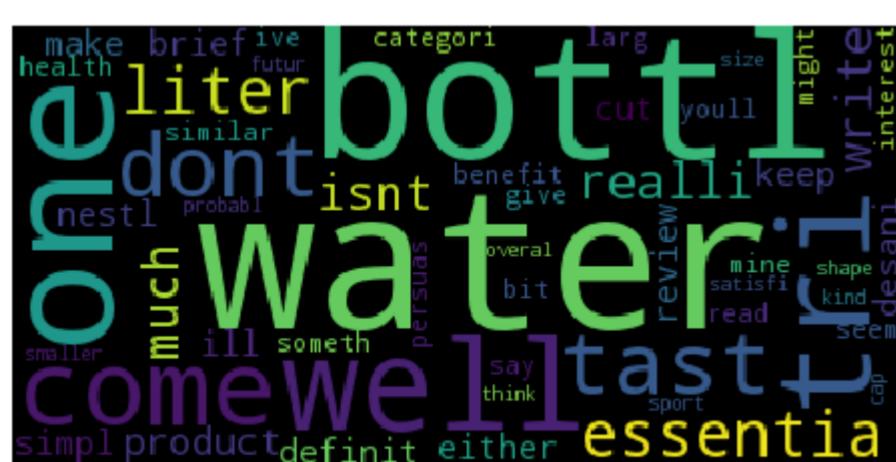
15449 Searching for the best sun-dried tomatoes is always a frustrating one because I am looking for a non sulfur dioxide product with nice flavor and affordability. These are affordable and mind you I read as much as I could including the labels and all the reviews but there was no mention of sulfur dioxide as an ingredient in this particular product. So I bought it with confidence thinking that although it was not organic, it was free of sulfur dioxide. Yesterday I opened it up to make some salad dressing for my raw dishes only to realize by just watching the color of the product alone that it had some additive which the ingredient list confirmed. I can't return the product so now I am stuck with 3 lbs of unsatisfactory product and I still have to go buy additional product that is sulfur free!<br />Roland your company needs to indicate in the description that it's sun-dried product contains sulfur dioxide, health is a big concern so you don't want to be responsible for any kind of customer health issues from this product.<br />Buyer beware!

16275 I ordered this based mainly on alegatorsams recommendation. When It arrived in two day it had everything listed in good shape. The only problem was for my old eyes the instructions were small and hard to read. I sent them an e mail and within 2 hours they sent back a great PDF copy that i can read.  
  
Ok this is day 5 of fermentation. Hydrometer reading in primary was 1.012 so I racked into car buoy. All went well and when done I racked some of the lees into a clean milk jug so I could taste test it. You know I had to do this! (grin) Color is a deep rich red and taste is really quite good even at this stage, I can't wait for the finished product.  
  
My thanks again to Sam for his review this may be my favorite wine too. Still 5 stars plus on rating  
  
UPDATE:  
Bottled yesterday after racking and filtering. Tasted some and found it to be slightly fruity semi dry with no after taste. It was as good as most wines at the package store and I bet with some age it will be better than most. This morning I put the shrink caps on and the labels. That was real easy with hot air blower and a moist sponge now the bottles look like a professional job.  
  
All together this is a real good kit for anyone and just remember if the instructions are a little small to read a simple e mail will get you a file in adobe format from the company.

Name: Reviews dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

## Plot of Word Cloud



### Printing random reviews from cluster 4

15546 Well, there really isn't much that you can write about a product that is as simple as water, so I'll try to keep this review brief. When it comes to bottled water, I either like their taste or I don't. The ones that I like are Desani and Nestle waters, with most of the other ones not making the cut. Essentia is definitely in the "like" category, so if you have a similar taste to mine you'll like this one as well. I've been reading about the benefits of 9.5 pH for your health, and they seem persuasive so if this is something that you might be interested in then I'd say to give this water a try. The 1.5 liter bottle is a bit too large for me, so I'd probably go for a smaller size (0.5 liter or so) in the future. I also like the sports bottle shape of the cap more, but I don't think that Essentia comes with those kinds of bottles. Overall, very satisfied.

Name: Reviews, dtype: object

===== When number of clusters is 10 =====

Creating a dataframe with Reviews, Cleaned text and Clusters..  
Dataframe is created!

The number of reviews in each cluster is

6	15741
2	573
8	333
4	112
5	102
0	54
9	50
3	19
1	11
7	5

Name: Clusters, dtype: int64

\*\*\*\*\*

The number of Medoids formed are 10

This used to be a favorite a few years ago. Raw taste, nice texture, stays crunchy in hot milk. I loved it! Then I changed to a different brand for a few years just for variation and yesterday went back. Didn't even look at the label. When I tasted it for the first time, I thought: "hey, the taste changed!"... and I glance at the label: last ingredient - Aspartame. WHY? WHY? It ruined it for me completely, not only the taste, but the AFTERtaste is horrible. that artificial sweetener - bitter chemical taste. What a shame! Shame on

These graham crackers have a distinctive whole grain flavor and texture. They are tastier than the usual graham cracker. Sweetness (from natural sweeteners, like raisin paste and sugar cane juice) dominates the flavor, however, and some of the subtlety of the other flavors are masked. I would have been happier if they used less sweetener. But, overall, th

If you are short on time or a dunce in the kitchen, this product will allow you to have a hearty meal with minimal effort.  
I add to my pressure cooker all the ingredients called for in the recipe on the package. For meat I use boneless chicken breast.  
Fifteen minutes later, it is done. Cooked this way, the chicken is so tender you can cut it with a spoon.  
The finished product does have some heat, but it is not overwhelming.

In this part of the country, this product goes off the shelves and it's a pleasure to be able to go on line and purchase this. I do drink a lot of this and its a pleasure to be able to set down and enjoy such a drink.

Totally do not like the flavor of this coffee on it's own. It smells great when you first puncture the k-cup, but then it's all down hill from there. It's fruity, no nuttiness at all, with a strange aftertaste, and kind of weak on a 6oz brew. It works fine with a cocoa for a mocha, but not good at all by itself. This is coming from someone who likes the "Dark Magic" and "Double Black Diamond" k-cups.

Tastes great and the price was good.

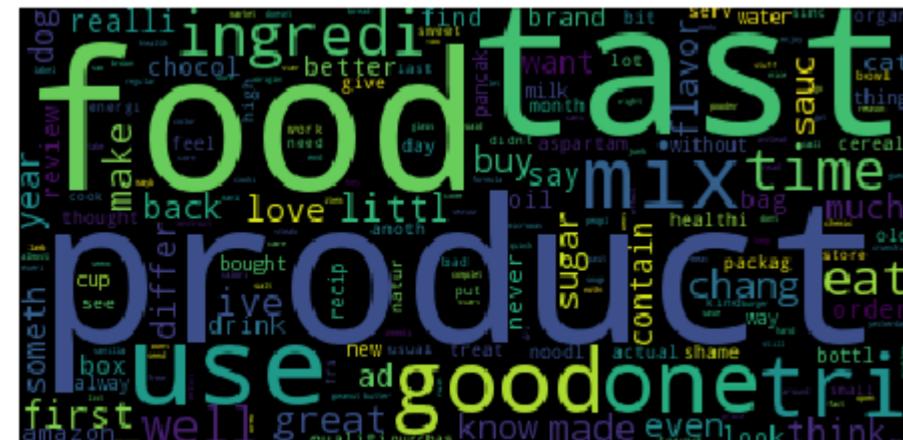
I've tried several brands of falafel mix, and this one is my favorite by far (sorry Ziyad. Still love you for the pickled turnips!). Ready to go in five minutes without the gritty bits you get in some mixes. The flavor is good, and the texture after frying is moist and almost fluffy inside and crisp on the outside. No hockey pucks! This will become a go-to staple in my house.

I highly recommend this coffee, it is a very good blend, has a bold flavor without being bitter tasting. Looking forward to trying some other blends Tully's.

The chocolate arrived melted and reformed into a cracked crumbly lump with white spots. The taste seemed alright, but I would hesitate to order this product again because of the condition it arrived in.

## \*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 6

9765 my coworker bragged this soup up...she brought in the tomato bisque...first of all, she made it in the container...it specifically says to heat on the stove or microwave in a seperate container...oh well, I decide to try anyway since she wanted to share w/ me...flavor is well....salty first, a little heat, VERY creamy...some oily seperation around the edges and it stained my lips, tongue and inside of my mouth...it just doesn't 'feel' like your eating healthy...blehhhh....not too mention the last ingredient is autolyzed yeast extract...hidden MSG!!! shame shame Campbells!!! I will never try this again...yuck...I have always preferred my healthy and very flavorful homemade soups!!!

9839 The bulk granola normally available in most stores has limited types of grains and many use dairy in the ingredients, which is bad news for those allergic to dairy or who don't want dairy as part of a lifestyle choice.  
  
At first glance, yes, it is just another granola.  
  
Then I looked at the ingredients and was impressed with amaranth, quinoa, oats, millet and buckwheat.  
  
Also it held its crunchiness really well in soy milk, coconut milk, etc.  
  
When eating it like a cereal the dried blueberries became a little chewy, but the rest of the cereal remained crunchy.  
  
A great topping for yogurt.  
  
The blueberry flavor was strong, but the vanilla was hard to find when eating it as a snack. When put into milk, the vanilla seemed to come to life a bit more.  
  
The good quantity of fiber made me feel full for a good amount of time.  
  
The item is just sweet enough without being too sweet, thanks to cane juice and molasses.  
  
OVERALL:  
1/3 cup gives you one serving at 130 calories with 3g fat, 22g Carbs (5g Sugars and 5g Dietary fiber), plus 3g protein. There are approximately 11 servings in one bag. As healthy alternative to a fiber/grain bar as a pick-me up in the afternoon, use this snack instead.

9996 I love this beverage because of the slight bitter taste. It's an adult orange soda that I would not have liked as a kid. Yesterday, I bought some egg nog at Safeway, and they had some cold bottles of Southern Comfort alongside the egg nog (smart cross-sell). I bought both (sucker). Frankly, I didn't like the taste of the Southern Comfort in the egg nog. Today, I tried a little Southern Comfort straight up, but found the smell and taste, slightly peachy or bubble gum - not grossly so, but too sweet. I did a review on the Southern Comfort and others also describe the peach aroma and taste. I probably would not buy Southern Comfort again. Then it struck me that it might go well with the San Pellegrino Aranciata in my refer (kind of like a fuzzy navel). Of course, often an idea doesn't play out that well. I poured about 1 ounce of Southern Comfort onto the ice in a cognac glass and then added 2 ounces of the San Pellegrino Aranciata. It smells very nice, tastes delicious, and the bitter of the orange peel balances out the sweetness of the peach in the Comfort - it's much more subtle and drinkable than a typically syrupy sweet fuzzy navel - a more sophisticated version. This is a great all-season sexy drink that everyone will like. My only caution would be that it tastes too good and goes down way too easily. I was playing with a name for this drink: Southern Italian, Southern Gina... Orange Comfort! Anyway, with or without the alcohol, I love San Pellegrino Aranciata, and I now have a reason to buy more Southern Comfort.

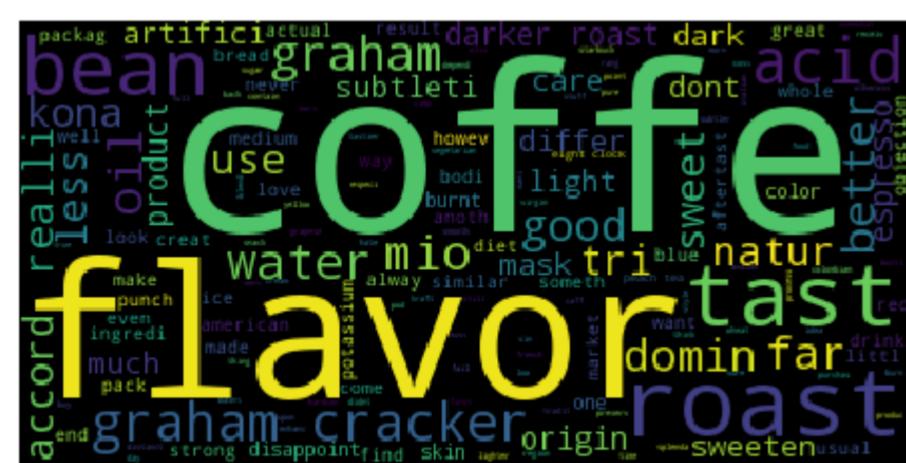
10207 BEWARE - This cereal contains a chemical sweetener called Aspartame (aka Sweet'nLow), which is a dangerous chemical food additive shown to cause cancer in lab rats. In humans, the effects of Aspartame can be felt as either migraine, other headache, dizziness, nausea, anxiety, nervousness, or bloating. PLEASE DO YOUR OWN RESEARCH ON ASPARTAME before you consume any product such as this. ASPARTAME is rated by the governments as "GRAS - Generally Regarded As Safe" - The History of Aspartame is fascinating and you will find that at the scientists at the FDA who tested Aspartame advocated it to be banned. Donald Rumsfeld served as one of the influential political forces that successfully managed to get the FDA to overrule the FDA's own scientists' recommendation that this product be BANNED. Aspartame's GRAS status means that the US Gov't will do nothing to regulate or prevent its usage.  
  
I first started experiencing problems with Fiber-One when I realized that eating a bowl of it without any other food would cause me to feel nauseous. On occasion, eating a bowl of Fiber-One would give me a migraine along with a feeling of dizziness. This is certainly not the way that I want to start off the morning. There are people who can eat Aspartame-laced foods all day long and who are unaware of any side-effects, but they do creep up on you and if you are not as tolerant as some others, WATCH OUT. You could become very sick eating this cereal day after day, the chemical builds up in your system. The insidiousness of Aspartame being in Fiber-One is that, if you are health-conscious, you'll tell yourself that if you're not feeling well that you should maybe eat more healthy food - like the very same Fiber-One cereal that's making you sick!!  
  
It is unethical and unconscionable for General Mills, a staple brand in this country, to have resorted to using a dangerous chemical additive simply so their Marketing Exec's can push their cereal upon people who are sugar-sensitive. People with Diabetes BEWARE - Aspartame is known to also cause aggressive insulin responses. Just because their chemical sweetener contains no calories doesn't mean that your body won't react in that manner, and you may end up on the bad end of an insulin swing as a result.  
  
This product should be pulled immediately from the shelves. I personally am ashamed that a large reputable company such as GM would target a health-conscious individual like myself and yet perform an underhanded trick as adding a chemical sweetener. I really wish I had noticed the chemical additive in this cereal before I had experienced the headaches and nausea.  
  
SHAME ON GENERAL MILLS - BEWARE FIBER ONE CEREAL - I wish I would have been warned before becoming sickened by this "health cereal".

GENERAL MILLS - BEWARE FIBER ONE CEREAL - I wish I would have been warned before becoming sickened by this health cereal .  
10681 We recently purchased the 2 lb. bag of Krusteaz Buttermilk Pancake Mix and when we received it the bag was sealed. While serving pancakes to my family I bit into some crunchy pieces and immediately thought "oh I must have accidentally dropped an eggshell into the batter." After biting into another crunchy bit and then getting a jab in my mouth it dawned on me (duh) that all I added was water. I immediately told the family to stop eating! I investigated further to find large shards of glass in the pancakes (two of them 3/4 of an inch long). The measuring cup that I used was metal and the only glass in the process was the mixing bowl which after careful examination revealed no signs of chipping and it wasn't broken - it was fully intact. I poured a cup of the dry mix from the original bag into a sieve and found pieces of glass - including small chunks (1-2mm in size) as well as additional shards. I then contacted Continental Mills (the company who makes Krusteaz) as well as the FDA. Let me be clear on something - I have no interest in any sort of legal action - I simply wanted to be heard. Other than that I suppose that I wanted to hear them apologize. I thought that was fair especially after I just served glass to my 1, 3, and 7 year old courtesy of Continental Mills. The FDA was great - saying that they log complaints like this in order to agglomerate data to look for trends. THEY even apologized that I had encountered that problem. Continental Mills immediately told me that it was impossible for there to be glass in the mix but they would send me a packet to send the Krusteaz Buttermilk Pancake Mix back to them for analysis. I just received the reply stating that they did in fact find glass in the mix but "were unable to identify it as coming from our facility." They also included a \$0.30 off coupon for Krusteaz products. I find their response to be absolutely unacceptable. I am left with the belief that they do not care about quality nor the safety of their customers. The glass came from somewhere - either from their facility or one of the suppliers that provides them with salt, baking soda, etc...<br />I recommend that you avoid this product for your safety and the safety of your family.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing random reviews from cluster 1

6727 I agree 100% with "nuttinbutdtruth"--this coffee is great and, thankfully, does not have the Starbucks "burnt" flavor which comes from roasting the beans to a higher internal bean temperature (i.e., burning them). The Eight O' Clock 100% Colombian coffee is smooth with a real coffee flavor. I have also bought Eight O' Clock Original coffee, and it tastes similar to the Colombian--both are great tasting and apparently are American Roast ("American Roast is a light to medium roast...This roast results in a full bodied, acidic cup of coffee.").  
  
Starbucks coffee, on the other hand, tastes to me like French Roast ("French roast is similar to Espresso roast only a little bit darker. This roasting style produces a full bodied coffee that has low acidity and a dominating bittersweet flavor.") or maybe Italian Roast ("Italian roasted coffee beans are nearly completely black in color. This roasting style produces a coffee that is very weak bodied with strong burnt flavors and low acidity."). Each to their own, but according to many coffee experts, "...acidity is a good thing when it comes to coffee", and as stated on one coffee website: "In actuality the medium roast better preserves the true coffee bean as the darker roasts burn off some of the natural coffee oils and cause it to have a harsher taste. The medium roasts allow you to better savor the way the coffee bean was intended to taste." Also, according to the same website: "A darker roast can actually make a lower quality coffee bean taste better. The bean no longer relies on the flavors from its origin and leans more on the burnt flavor that results from the darker roasting process."  
  
According to another coffee website: "Maximum aroma and flavor, is generally found at the lighter end of the dark range. At the darkest end of the dark range, coffee has lost all of its acidity and has a distinctly burnt flavor." And according to Wikipedia: "At lighter roasts, the bean will exhibit more of its 'origin flavor'; the flavors created in the bean by the soil and weather conditions in the location where it was grown. Coffee beans from famous regions like Java, Kenya, Hawaiian Kona, and Jamaican Blue Mountain are usually roasted lightly so their signature characteristics dominate the flavor. As the beans darken to a deep brown, the origin flavors of the bean are eclipsed by the flavors created by the roasting process itself. At darker roasts, the 'roast flavor' is so dominant that it can be difficult to distinguish the origin of the beans used in the roast."  
  
As a fan of American Roast coffee with a truer coffee bean flavor, I think this Eight O' Clock 100% Colombian coffee is extremely hard to beat. It is also reasonably priced.

is extremely hard to beat. It is also reasonably priced.

7354 Way back in the 1800s, Reverend Sylvester Graham was on a crusade. Disgusted by the "venereal excess" of the youngsters of his day, Graham created a special vegetarian diet with his very own modestly-named Graham bread at its core. Graham bread, the progenitor of Graham crackers, was made from whole wheat flour...unlike that other, sinful bread. Graham promised that following his diet would solve a wide variety of disorders, including indigestion, headache, spinal diseases, epilepsy, and insanity. The diet wasn't for everybody - virginity until age 30 was also a requirement. Still, good old Graham wasn't too far off the mark. He advocated brushing teeth daily, drinking clean water, regular bathing, exercise, and (GASP!) a good night's rest.  
I feel healthy (and more virtuous!) every time I bite into one of these delightfully pure snacks. Especially when I sprinkle them with a little honey or maple syrup.

hem over a scoop of vanilla ice cream and chocolate sauce with a dollop of whipped cream on top. It's sinfully good!

7843 My sense of taste has always been rather finely tuned. Once upon a time I was a pioneering vegetarian chef and whole foods baker. I have always hated artificial sweetener s, from a taste point of view, as well as a health point of view, but here I am now, Type 2 diabetic. Keep reading about things that "Taste just like sugar...with no aftertaste", o nly to find myself disappointed. Well here's another one. I find Splenda to be less objectionable than Aspertame and this to be less objectionable than Splenda. But no off flavor? Fuhgedabowdit!<br /><br />Of course I love the IDEA of Stevia, but hate the taste. Somehow failed to notice that this product contained any, but the taste is enough to spoil the mo rning coffee for me.<br /><br />I find pure chrystraline Xylitol to be far, far tastier. Just had some in my coffee AND on my steel cut oatmeal. I would never have put any previousl y tried alternative anywhere other than in my coffee, where there was at least some chance of any objectionable off flavors being masked.<br /><br />Different people must have ver y, very different senses of taste. I can't otherwise imagine how they manage to sell some of these products (more than once).

9518 This is advertised as an Extra Virgin Olive Oil Super Premium. Not so. Upon receipt the label says olive oil and grapeseed oil. Cloying and dominate grapeseed oil flavor. Neither the Red Chli, the Meyer Lemon, nor the Blood Orange Infused rises to the flavor profile expectation. Plus that grapeseed oil dominance is nastique. I ended up throwing all three bottles in the trash. I would never buy any of this product line ever again. Very disappointed.<br />After many years of purchasing from Amazon, this is my first disappointme nt.

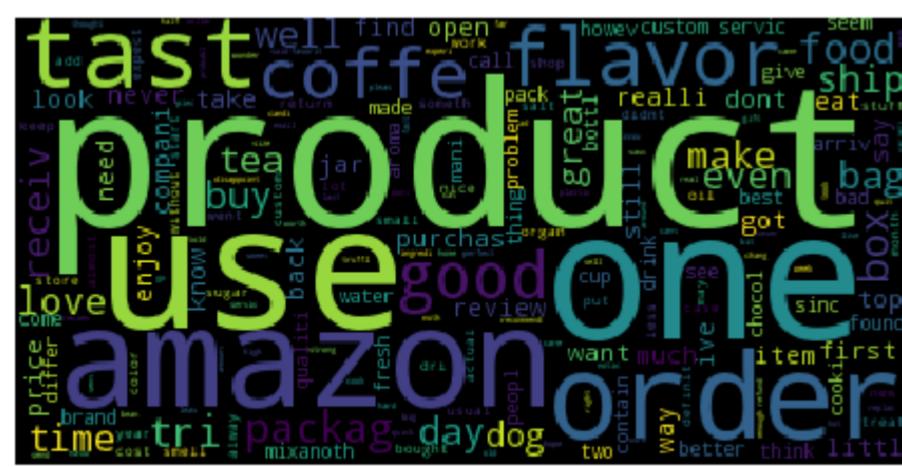
11731 I use this espresso for my electric espresso maker to make hot and iced lattes. It's bold.<br /><br />I usually buy this coffee - <a href="http://www.amazon.com/gp/product/B001EQ5ERI">Lavazza Caffe Espresso Ground Coffee, 8-Ounce Cans (Pack of 4)</a> - but wanted to try something that had a little more punch. This coffee is smooth (i.e. not acidic) but it packs a big flavor. If you're looking for a coffee that packs a good punch, this is the one. If you want more subtlety, I would go for the for the Lavassa Caffe Espresso.

11754 <span class="tiny"> Length:: 0:35 Mins<br /><br /></span>MiO Liquid Water Enhancer is adult Kool Aid, for better or worse. However, a tip of the hat should go to the marke ting team that developed the "water enhancer" description as well as the product's attractive logo and packaging. As far as water additives go, MiO stands out among its competitor s.<br /><br />However, when it comes to taste, MiO fails to capture the subtlety of home brewed peach tea. The artificial coloring - Yellow 5, Blue 1 and Red 40 - transform a clear glass of water into a Kool-Aidesque concoction. I didn't care for the jaw-aching sweetness in my first sip or the chemical aftertaste that lingered on (and colored) my tongue.<br /><br />MiO offers six flavors: Berry Pomegranate, Strawberry Watermelon, Fruit Punch, Mango Peach, Sweet Tea and Peach Tea, the latter being the flavor I received from Amazon Vine to test. As you can see in my video, MiO is easy to use and quickly changes the look, smell and taste of plain water. Again, for better or worse, depending on your own taste.<br /><br />Each MiO bottle provides roughly 24 servings, depending on how strong you mix your drink. The ingredients are: water, Malic Acid, Propylene Glycol, Citric Acid, Contains les s than 2% of natural flavor, Sucralose and Acesulfame potassium (sweeteners), Potassium citrate, Yellow 5, Blue 1, Red 40, Potassium Sorbate (preservative).<br /><br />In summary, I didn't care for MiO's peach tea flavor, its artificial colors and its aftertaste. The product packaging is excellent and, should Kraft release another formula, I'd be interested in trying this again.<br /><br />Rating: Two stars

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 2

8365 Royal Oak is the very best at this moment. There are a dozen other brands that I have tried and, speaking as a former Virginian, this one is at the summit. They are so large, so crunchy, and so tasty that you will insist on EATING THEM ONE AT A TIME. The Royal Oak container is still a 40-ounce can, which was once the industry standard. Many c ompetitors have slipped to 36 ounces or even 32. Be careful when you select others. You may not be buying the number of peanuts you expected. Don't accept any peanuts that wer e canned over six months ago, as they could be stale. I am not connected with this company in any way, other than as a customer.

8395 I love Chai Latte. Received my first at a gourmet coffee shop. It was awesome.<br /><br />Anyway, I had high hopes that these pre-packaged cups would capture that magic a nd I have to say I'm a fanboy now. I try to hold myself to two per week. I'm doing well, but the taste is perfect.<br /><br />When my wife said these Keurig machines made perfect coffee, I rolled my eyes. I bought her one (The B40) anyway (cue brownie points). She was ecstatic. I also bought hot chocolate cups too. I'm going to branch out into the regular teas too, since I'm a fan of good tea (no milk, no sugar). No, I'm not from the U.K.<br /><br />Buy this product now. Also, get on the Amazon Prime because its effortless and qui ck shipping.

8420 I have not received this item -- it has been some time since it was ordered<br />and PAID FOR -- I will expect to have my money returned and if it is not,<br />the Better Business Bureau will receive a letter from me.<br />Also, remove my name from your list.<br />A very unhappy customer.<br />Sando Cosenza

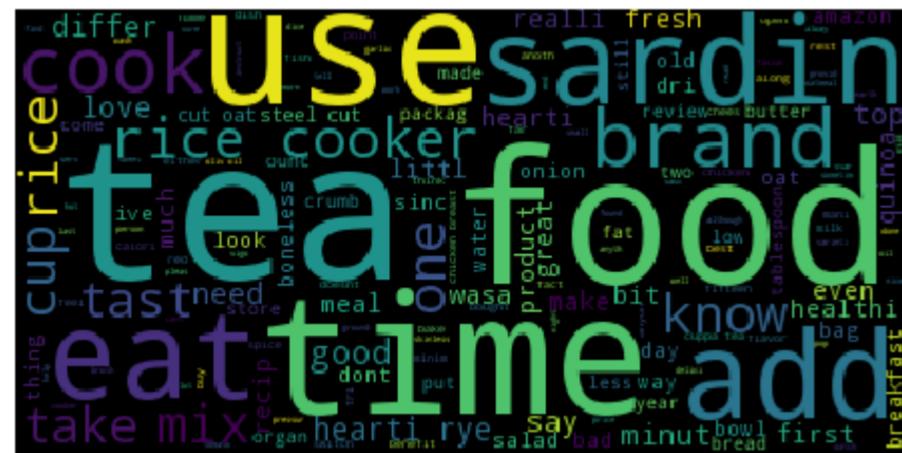
8455 I received my order and was very disappointed in the shipping for 2 reasons.  
1) The box was nearly falling apart with the end tape half broken and the cardboard ripped open and crushed. I was able to reach my arm into a hole in the corner of the box as it was delivered.  
2) A 30 lbs. food bag had been shipped with the health bars with only a paper wad as protection. I opened the health bar bags to find that all of the bars were broken into crumbs. This is simply unacceptable regardless if the shipping is free. I have placed orders like this before and never had a problem as the items were automatically shipped separately and arrived in boxes that were intact. Now I am seriously considering not ordering these items again.

8537 Have to agree with other reviewers who have had bad batches. I signed up for the subscription for once a month. First few months were great, no problems. I really like the taste and I loved the container that has the top you can screw back on. Very convenient for bringing on the tennis courts or working out.  
  
Then the trouble began. One shipment arrived with packaging all torn up and the cardboard soggy from the damaged bottles. The next shipment looked fine but smelled moldy even before opening the bottle s. Once I did open the bottles, completely sour/moldy tasting.  
  
Overall, good taste if it gets to you intact but much too inconsistent with the packaging and quality control. I cancelled my subscription. I'll try another brand now.  
  
I do have to give kudos to Amazon customer service. I used the chat function and they were very responsive both times and addressed my issues with a refund.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 3

7795 I've been eating Wasa Hearty Rye since I first found it in Europe 20 years ago as a teen ("ooh, what's that, it looks yummy") and when I returned to the US in my early 20s I kept buying it.  
  
Lately in my area of WA state, the "Hearty Rye" is no longer available, and nor is the "Hearty" crispbread.  
  
I found the Hearty Rye here on Amazon with a "Hurry only three boxes left" - I bought two of them, then noticed that everyone was rating THIS Wasa 5 stars and talking about it being Rye. I've had this kind before and wondered because it tasted like "Hearty Rye" but it only says "Hearty" on it.  
  
Now this kind isn't available in this area anymore either :(<br /><br />I love Ak-Mak Sesame Crackers and have been eating those, but now that I can get "Hearty" here on Amazon... and know that it is the old "Hearty Rye" I can have what I've loved for so many years, low carb, high fiber, and if this is indeed the equivalent of the old Hearty Rye - no wheat either. If anyone knows if this is the exact equivalent, please do leave a comment, they seem to be the same, but then why did they phase out the name "Hearty Rye" and replace it with just "Hearty" (Hearty could be hearty anything... any grain at all or several of them, it's unclear from the name, whereas "Hearty Rye" you knew that it was Hearty Rye );<br /><br />I'm not complaining, I love Wasa products, it's just that I've always loved Hearty Rye the best, with a few ounces of tuna salad, some lettuce and tomato, perhaps a slice of avocado and 1 Hearty Wasa, you have a healthy under 300 calorie meal. No one needs or should eat more than 2-3 ounces of protein at a time, and eating 4-5 "mini-meals" throughout the day is far healthier than sitting down in the evening and eating 8 ounces of beef or chicken or even fish; too much, much too much.<br /><br />Our dinner plates are almost a third larger than dinner plates in Europe and the rest of the world. Our "salad" plates are what I'd use for a dinner plate (a bit small if you have vegetables, but they can go in a bowl.<br /><br />Ack, tangent; the point is that these are wonderful, low calorie, healthy, low glycemic index, high fiber, relatively low sodium, and as someone else pointed out, they just don't go bad. I'll spread a low fat Moo-Cow Cheese (I don't know what they're really called, they've always been "Moo-Cow Cheese" - the round box with the red cow's head and eight wedges of cheese inside? Spreadable, and the calorie version has - I think 30 calories each; whereas an ounce of regular full fat cheese is far more. Or take fresh lettuce, top with tuna and eat with Wasa, or fresh Haas avocado, a little bit of lemon and a few grains of salt (or not if you prefer) on Wasa is absolutely delicious and super healthy. We need to eat fat in our diets, but we DON'T need animal fat (except for fish, fish oil) we can get our needs met through, in particular, FLAX seed oil and flax seed in general. Put a tablespoon or two into your oatmeal and let it cook for a moment or more (add a bit more water it will thicken it) or in soups. Some eat it in yoghurt but I'm not a fan of "crunchy yoghurt" - I wonder if Wasa has a Flax Seed Crispbread? Probably not, as the Flax seed has oil in it, and would go bad... and Wasa Flatbreads/Crispbreads are all about not going bad.<br /><br />I've meandered and gone over other things, the main point is this is the one of the healthier things you can eat - and if you really want bread, Dave's Killer Bread (the healthiest variety of all the healthy varieties, all of them are very very healthy -- is Powerseed, the red label) Unfortunately Amazon doesn't sell it, but Costco does and here's a link to the website: [...] you can select Powerseed from that menu or watch the short video that tells his story (no he wasn't a killer but he was in jail several times and... I won't spoil it for you).<br /><br />For bread, go Dave's, for anything else that accompanies things you would put on bread, for less calories and more fiber, Wasa is it -- and it's so much less expensive to buy it here in bulk, and since it doesn't go bad, one 6 or 12 pack can last as long as it needs to.<br /><br />If anyone knows whether "Hearty" really is the equivalent of "Hearty Rye" please do leave a message, I'd love an absolute confirmation. :)

ve an absolute confirmation. :)

8868 Contrary to some of the reviews here, I find 'Earthly Choice' brand very good tasting and price-wi\$e, it beats out the price I pay at either the fruit market or 'cost-clu b' (\$5.49/14 oz.) Organic foods can be expensive. I used to have a Whole Foods store near me, but it closed, so this is the next best value.  
  
Here's some clues about quin oa:  
- Quinoa is surrounded by an outer shell. If you don't wash it, the end result could be a bitter taste, which makes many dislike the taste of quinoa. Another good idea is to, after washing, combine it with another food.  
- Cooking ratio (for small serving): 2/3 cup quinoa to 1 cup water. Fifteen minutes will do it.  
- Quinoa is good for the body, providing all 8 amino acids, which no other food can provide. (Amino acids are good for muscle & bone structure. If you work out at the gym, this helps repair muscle you 'tear up')  
- I eat quinoa everyday, at different times, (because I eat 6 small-portioned meals). It is gr8 for breakfast, lunch, dinner, or night-time snack.  
- Cereal recipe: 2/3 cup organic steel cut 'Irish-type' oats, 2/3 cup washed quinoa, 4 cups organic fat-free milk, 2 tablespoons vanilla extract. First simmer up the milk and vanilla. Add oats and cook for 15 minutes. Add quinoa and cook another 17 minutes, (because it takes 22 min to thoroughly cook oats, I find). Pour into 7 individual serving containers. (I use glass ramekins with plastic lids). Refrigerate and you have a breakfast meal for each day of the week. (For breakfast, I add Ellie Krieger's 'Nutty Topping', recipe found on the Food Network website, 2 tablespoons Greek yogurt, ground flaxseed meal, wheat germ, vegetable yeast, 1/2 scoop whey protein powder.) Good for sports and pre-gym, because steel oats stick with you longer than other breakfast foods - tip from my cycling trainer!  
- Add quinoa to anything else, soups, salads, rice & bean dishes, even desserts - great in cookies, especially chocolate chip, oatmeal and homemade nature bars.

10150 If you are short on time or a dunce in the kitchen, this product will allow you to have a hearty meal with minimal effort.  
I add to my pressure cooker all the ingredients called for in the recipe on the package. For meat I use boneless chicken breast.  
Fifteen minutes later, it is done. Cooked this way, the chicken is so tender you can cut it with a spoon.  
The finished product does have some heat, but it is not overwhelming.

10531 Okay so we are only on meal two with this food. I will update after a month of eating it. Thus far I have a feeling that this will be the food for her, and I will switch to the 30# bag after the change is completed and things are going smoothly.  
Obviously I have not noticed any benefits (as we are still switching) but I will say this which makes me believe this is a keeper.  
My 11# Bichon Frise has been on Royal Canine Mini Puppy, as I am a first time pet parent, and was told its a great food to be on. This entire time she has HATED her food, and I would have to get it wet in order for her to eat it. I was directed to dog food analysis dot com, and I believe this was a four or five star food,

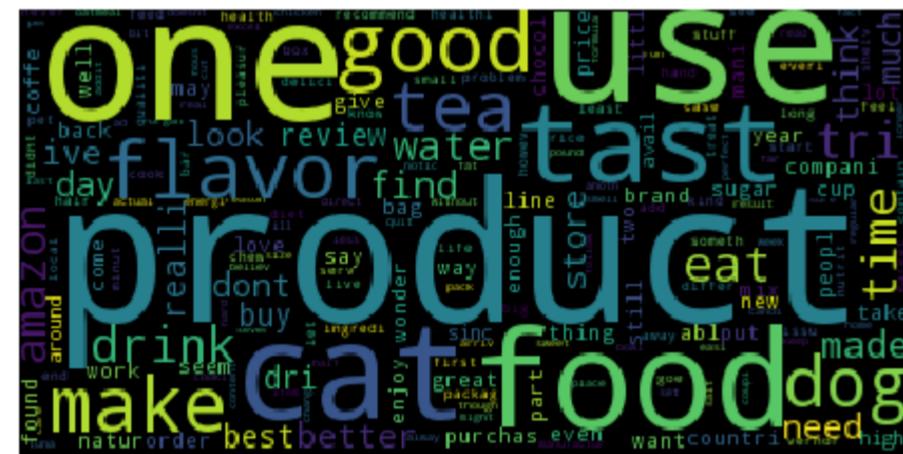
so I decided to give this food a try.  
It finally arrived, and I gave my little Bailey a few pieces as treats, and she took them from me dry (a great sign). I then made her dinner and left the entire bowl dry, and she ate it, but what was interesting to me is at first she picked out the dry Artemis Fresh Mix and then came and looked at me as if to say "more of THAT stuff please"... so I wet the old food and she eventually ate it.  
All in all I believe this will be a keeper, and I will update after she has been on it for a month or so.  
Update:  
We have officially finished the first bag of Artemis Fresh Mix. Since I have purchased the 15lb bag. There are a couple of differences since we switched over.  
1. Bailey had THE WORST tear stains with the old food. They were so bad that when i used tear stain remover NOTHING happened... Since the switch her tear stains are down to a minimal, and I think it may be the tear stain from the prior food having to be wiped off, but I would not know for sure at this point.  
2. Bailey finishes her food. She still mostly picks at it throughout the day, but she finishes ALL of her food by the end of the day.  
3. Prior posters commented on less poop. I have to say we have had a complete opposite experience. This could be a result of the fact that she eats more, but it is hard to say. Also we still have mushy poop... I am not sure where this comes from. Since it has always been that way and she is completely healthy, I do not pay mind to this issue, nor does it deter me from continuing to purchase it. We may switch after this bag to another healthy brand to give her some variety and if there is any difference I will post it, but at this time I still love this food for her and I highly recommend it.

11073 This is my favorite chole spice mix. I follow the pressure cooker instructions on the package which are somewhat different than the instructions on other brands. Most brands suggest cooking the chickpeas separately and then adding them to the tomato/spice mixture. With this, the instructions tell you to add the tomato/spice mixture to the pressure cooker along with the uncooked soaked chickpeas and pressure cook them together. My experience is that the final result is much, much more flavorful and the chickpeas have a nice consistency to them. I have tried several different brands of Indian spice mixes available at my local Indian grocery store and I consistently find the MDH brand mixes to be my favorites.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 4

8453 I bought both the CET HEXtra premium oral hygiene chews and CET Enzymatic Oral Hygiene Chews to switch off so my dog doesnt get tired of chewing the same thing over and over. I have a 13 pound Chug (pug chihuahua mix) and I buy the large then cut them into 2 or 3 long pieces. At first I gave her the Enzymatic chew which lasted her a whole day or even two which is good because she usually goes threw chew treats within an hour. Then I gave her the HEXtra chew to try and she loves this one. Most of the pieces are thinner but still last a good day of chewing. I cant even get within 2 feet of her before she starts growling then she just runs away with it lol. I find that most of the chews for the HEXtra are much thinner and easier to cut with basic scissors. For the Enzymatic half the time I have to use a knife to cut it. After she had a taste of the HEXtra she slowly steers away from the Enzymatic each time we give her one. After 2 weeks whenever we give her the Enzymatic she just licks it a couple times and then walk away. For the HEXtra she still goes crazy over them! She goes through all the tricks I taught her without saying the commands lol. I dont know what the big health difference between the HEXtra and Enzymatic but if I had to recommend one I would suggest getting the HEXtra. Hands down your dog will love it. Now im stuck with a big bag of CET Enzymatic that my dog no longer likes because she prefers the HEXtra. Like anyone has mention well with any kind of chew treats remember to take it away when it gets small or it can be a chocking hazard.

8469 ...but who'da thunk ya needed to read reviews on pop corn??  
  
Orville Redenbacher Cheddar Cheese Microwave Popcorn. A long way from the days when our family used to pop corn on the stove in one pot, while melting butter and sharp cheese in another - to be poured over the popped corn. I'll guarantee you though, if you're old enough to remember doing it this way...you'll be better off and much happier with the finished product than you will be with the O.R. cheddar flavoured microwave pop corn.  
  
I fully intend to contact O.R. and request they refund me my money! The last time I was this disappointed in a microwave pop corn (no matter the brand) was when I accidentally left it in the mic too long and scorched it really bad.  
  
DON'T BUY THIS FLAVOUR!! You've been duly warned. Only reason I gave this product one star is because the process won't let me give it ZERO stars!

8693 I had the extraordinary pleasure to spend a week at Villa Cappelli in Terlizzi, Italy, this past May. The ancient villa on an unpaved section of the Appian Way has been restored by Paul Cappelli. It is a working home with olive groves surrounding the villa. All products are made by Paul and his 'Villa people.' Spices grow in his gardens. Vegetables are sun-dried in the Italian sun and are dried by nature. The cellar is filled with the olive oil vats. The lemons from his trees become limoncello. His sun-dried tomatoes are in his own EVO and are delicious. His red onion conserve is like none that I've ever had.

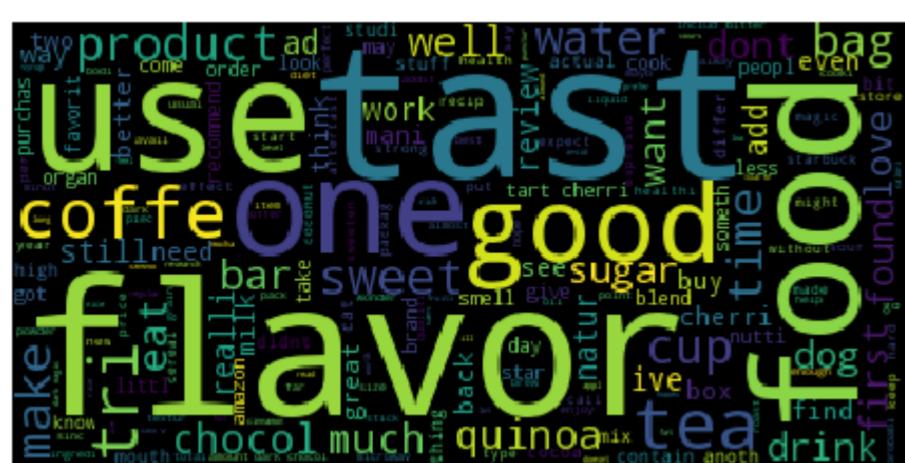
8767 I have tried several Hibiscus teas--loose and bagged. Ambassador Hibiscus tea is far and away the very best. While others I tried were tart--almost sour-- this brand of hibiscus tea is smooth and highly drinkable. The bags themselves are beautiful-- staple free and silky. I decided to try hibiscus tea for its purported health benefits, primarily related to lowering blood pressure, but found other brands so difficult to drink, I almost gave up on the whole idea of drinking this kind of tea. Ambassador brand hibiscus tea is a complete pleasure to drink. I highly recommend it to anyone who enjoys a good cuppa tea.

8834 I have been longing for Sunshine biscuits forever; I was so bummed when they were taken off of our grocery shelves, and while garibaldi biscuits are equally yummy, they were hard to get until just recently through Amazon. A couple of years ago, I found these Khong Guan biscuits at our local Asian market and took a chance, and I'm glad I did. They're pretty tasty, especially with a cup of tea. I like things on the dry and not overly-sweet side, so these biscuits fit the bill deliciously. Btw....I found these A LOT cheaper in the store \$5.99/tin, \$1.99 package before tax).

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 5 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 5

10655 Our two orange males are approximately 10 and 11 years old. They both experienced health problems this summer with cystitis plus anal gland infections in our "double wide" Tigger. We started out with Merrick with grain and have transitioned them without issue to the before grain.  
Tigger was 24.5lbs and is now below 19lbs. Gracie had a slight weight problem and now is at a steady weight. They both love the food, thankfully. They lived on dry food until this summer when they became so ill. We were told to use Hills prescription, but it was so hard to get it from the vet, I decided to do some reading to find a good food I could buy easily.  
This food is expensive; however, vet bills are much worse. Both cats have beautiful coats now. They play, run around as if they are much younger and have not been ill since being on this diet.

10753 I decided to return to the vegan dietary lifestyle I gave up a few years back (got lazy and boy has my health and weight paid for it). I began this return on the first day of 2012 by having a combination of:  
  
steel cut Irish oats, coconut milk, non soy margerine, a pinch of sea salt, a teaspoon of agave nectar, a bit of walnuts, a slice and a half of Ezekial 4:9 sprouted bread, and drumroll.....2 tbls of Bob's Red Mill ground flaxseed.  
  
Yummy yum yum! I can't believe how non evasive it is. It has this nice nutty taste and texture that blended with the oats instead of taking over. This is a wonderful new addition to my return to eating for health and proof that healthy CAN be tasty too!

10882 Thought this was a great idea, but like many reviewers I was experiencing leakage out the top regularly. Kept experimenting with the supplied washer and thicker washers to seal top better but leakage persisted. Read alot of the reviews to get information on solutions, thanks! Heres mine. I put a square of tin foil over the cup before putting the K Kap on, maybe helps freshness, maybe not, but is more like the original K cup. This is the most important finding to me: I DON'T orient the old pucture in the bottom of the cup. I always punch a new hole like a normal K cup. Believe this provides some upward pressure that helps seal the top puncture. You can still use the K cup a bunch of times. Leakers are very, very rare so far. Try it if you are experiencing problems. Most importantly don't give up, this K Kap is a really great idea.

11180 I was really excited about MIO when it first debuted as a product and even got in on the giant facebook free sample bottle giveaway. I've tried 4 flavors now including this one, the Peach Tea and this one is the best so far. I like the IDEA that you can control how much flavor you add to your water but so far MIO just hasn't mastered the concept that Propel Zero has of adding flavor essence without intense sweetness or aftertaste. It's a clever concept which is why it gets at least 3 stars from me and it IS convenient. Other folks on my household have liked it better than I have and carried it with them to work. The 4th star is because this is the best flavor we've tried. The other flavors would just get a three because the aftertaste is stronger in them.  
The bottom line is this: MIO has a cleverly executed and well-designed product but they have yet to improve on their two major competitors Crystal Light or Propel Zero in bottles. They are trying to be both and I think that's where they fail. If they want to be a flavor essence, I feel they should ditch the colorings. Any of the red colors will almost always have a bitter aftertaste to a large sector of users due to the red food coloring they use. This Peach Tea tastes somewhat peachy and somewhat like tea but not enough of either for me to give up my occasional pitcher of [Crystal Light Peach Tea Drink Mix \(12-Quart\), 1.5-Ounce Packages \(Pack of 4\)](http://www.amazon.com/gp/product/B003DNL9U6) or buying the individual bottle sachets([Crystal Light On The Go Peach Tea, 10-Count Boxes \(Pack of 6\)](http://www.amazon.com/gp/product/B001EQ53K6)) when they are on sale and have a coupon. They have captured the loyalty of many water drinkers so I'll give them credit where credit is due. I just don't feel it's the best value for the money they are charging. I wish I could give this 3.5 stars.

11499 These donuts used to be a favorite treat for me and my family when I was growing up. They were good out of the box or, we liked to put them in the refrigerator and let the chocolate coating get crackly. I don't know what the company did to them, but there is a definite change. My family doesn't buy them at all anymore after a few bad boxes. We thought maybe it was a bad batch the first time, but no, we then tried boxes at different times. It's just not the same recipe or ingredients anymore. The yellow cake part is a little drier than it used to be and not as flavorful as it was. But the most changed part is the coating. The chocolate is like a fake wax coating that leaves a greasy feel in your mouth. I suspect it is from all the hydrogenated oil in them, and probably very little or no real chocolate. I could barely finish one donut each time I tried them as opposed to when I could eat a few in one sitting. They've never been healthy-they're donuts after all-but the ingredients must've been higher quality in previous years. My whole family agreed they are not the same, and not good.  
  
We remember many delicious Entenmann's products throughout the 80s up until the past 5 years or so. My favorite was the Marshmallow Iced Devil's Food Cake. I tried it twice over the past year and it is not the same at all. It leaves a very strange aftertaste, and the frosting no longer tastes like marshmallow. It's also stiff and not even slightly fluffy like it used to be. I would give it one star if I could rate it here. I heard the company was sold to another at some point, which I suppose then changed the recipes. Anyone who tastes these products for the first time now is totally missing out on what Entenmann's used to be.  
  
I'm rating these 2 stars because they aren't as bad as the cake was, and they are passable for anyone who doesn't remember the way they originally tasted and is desperate for a donut fix. But if you hate fake chocolate and oil-based coatings, do not buy.  
  
If I'm going to eat unhealthy snack foods or desserts such as donuts, cakes, and cookies, I want them to taste great or at least good. This is way beyond disappointing and not worth eating anymore. Please Entenmann's go back to your old recipes, they were great. We miss them.

\*\*\*\*\* Cluster 6 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 6

8495 This is the BEST Green Tea I have ever had. It has a lite fruity flavor & there's no green tea after taste- definitely my new FAV!!!!

8496 This stuff is great for frying foods. It can stand high temps and has no coconut smell so you don't have to worry about your food tasting sweet or coconutty.  
>  
I ordered 4 but only received 3 and one leaked through the box but I let the seller know and they immediately replaced the damaged jar and the missing jar. Thanks Vitamin Shoppe!  
>  
>Good stuff!

8497 Unfortunately we live on 5 hour extra strength, this does nothing for me or my friends. Have to stay with original. Also taste like meds....uhhh...

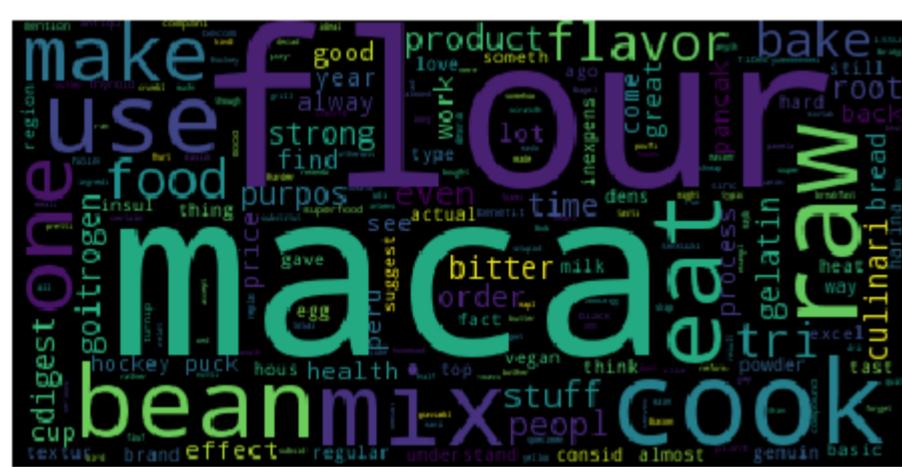
8498 Beware---what used to be a wonderful, tasty cracker is now a dry piece of cardboard!!! Sometime this summer the new boxes appeared in stores with the blue banner across front saying "Now with Tastier Crunch." They are awful! I can't imagine that they test marketed these crackers because nobody seems to like them. I used to buy a few boxes and wek and now I will never buy again unless they change back to earlier recipe. I give Amazon 5 stars because they refunded my money. This is because I called to check on formula before I ordered and I was told it was not the new one. Beware -- it is.

ore I ordered and I was told it was not the new one. Beware -- it is...  
8499 If you are a fan of Larabars like I am stick with the fruit bars. They are delicious. I ordered these without trying them and was very disappointed. They are dry and not the least bit sweet. You do have to realize that you are not eating a candy bar, and that there is only 3-4 ingredients in most Larabars. This works for the fruit flavors but not for this particular Larabar. I would not order them again.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 7 \*\*\*\*\*

## Plot of Word Cloud



Printing random reviews from cluster 7

11414 Maca powder = maca flour. I have cooked with maca flour ten years, as a baking and cooking ingredient/flavoring. In Peru, maca flour, or "harina de maca" is a relatively cheap regional culinary flour. Raw Reform is a great specimen of this culinary flour; ideal for cooking, an excellent nutty flavor, it's bitterness subsiding with heat. A decade ago I could buy 'harina de maca' for \$8/kg (and in Peru, it's a mere \$2-4/kg) - now I see this same inexpensive Peruvian cooking flour sold as a "raw superfood" at an inflated price. It's very odd to have witnessed this metamorphosis.  
  
The reason I gave this ONE star is simple - this company (among several others) suggests that you to eat this flour raw. Like other cruciferous roots, maca can be particularly difficult to digest when raw. Not only is it fiber-dense, it contains lots of goitrogenic compounds (a term which means 'thyroid-interfering,' not "goiter causing") - that's why the raw root and it's flour is so bitter - it's no wonder people have digestive issues and occasional hormonal (thyroid) complaints with raw maca. The one time I ate it raw, I experienced the stomachache, too! Maca is dense in fiber and thyroid inhibiting/goitrogenic compounds (glucosinolates and isothiocyanates), both of which are lessened greatly or deactivated by heat. Among the people who grow it, maca is not considered healthy unless cooked. It is therefore a great paradox that the "raw food" crowd has gotten hold of this vegetable that has always been, and by all accounts always should be cooked. This supplement is being backed by people whose basic food philosophy avoids the plant's very identity in human use. It would be like eating turnip flour, raw (except maca can even more bitter than this, in fact most of the lepidiums are). Back into antiquity, maca has had to be cooked in order to be gentle on digestion, on metabolism, and it has been cooked traditionally for this purpose.  
  
I have used the raw maca flour in cooking since 2002 where I first read about it in Chris Kilham's book "Tales from the Medicine Trail" and began following an interest in this ancient food. I do use raw maca flour for cooking, baking, in pancakes, confections, etc. Where you can get it inexpensively, it is excellent for such uses. For therapeutic effects and everyday drink mix usage, presently I employ a 'black gelatinized' maca - it seems to be the strongest type energetically and for sexual effects, and 'black root' is my personal preference. 'Gelatinized' means that it's fiber has been removed (skimmed off), and goitrogens denatured - it is a few times concentrated over the powder / flour. Naturally, it is less bitter than any uncooked flour product. The gelatinized processing was developed specifically to address the digestion/goitrogen issue inherent with the root. That's the process' entire purpose - that's why it even exists.  
  
The trend in "health food" circles says to eat maca raw, in order to glean the mood, stamina, and sexual benefits which Andean people have known for thousands of years. These merchants never mention how the plant has always been prepared - cooked - perhaps the most crucial aspect of it's identity. Why argue from antiquity about all the health benefits, while ignoring the food's ethnobotany? It's a mix of mistaken understanding, and because there's profit in re-selling a highly marked up culinary flour. I see \$20.00 - \$25.00 a pound slapped on maca flour in health food stores -- on a product which can be found \$2-4 a kilogram in Peru (\$1.36 - \$1.81/lb!). This is precisely why some regional foods / surpluses suddenly become "superfoods." In maca's case there is a genuine positive effect being felt... so, like the mood boost one feels with coffee, maca is an easy sell. Most companies have a whole marketing song & dance... and they make a LOT of money.  
  
Pay a price of \$20/lb only for the gelatinized product, which has actually been processed for immediate consumption. Do not pay this for a re-packed culinary flour.

12531 I have a B31 mini Keurig and these would not work with it because the entrance needle is off-center and does not go through the hole on these kaps. The description should have said that they will not work in all models, but there was no mention of this.  
  
I had been using the foil method and had been waiting for these to come back in stock and the price to go below \$10 for 3 (I really only needed one but could only find packs of 3 or more, which gives me 2 spares which I guess is OK since the cat would be sure to play hockey with one and lose it under the stove). So finally I order and eagerly await these, only to be disappointed and have to return them and order something else.  
  
Have decided to try instead the DisposaCup Lids which are more expensive, but appear to allow for the machine to punch a hole where it wants to.

13211 I've tried several brands of falafel mix, and this one is my favorite by far (sorry Ziyad. Still love you for the pickled turnips!). Ready to go in five minutes without the gritty bits you get in some mixes. The flavor is good, and the texture after frying is moist and almost fluffy inside and crisp on the outside. No hockey pucks! This will become a go-to staple in my house.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 8 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 8

8695 I am a lover of pork rinds so i was really looking forward to eating fresh ones, neathers to say they didnt cook in 5 mins like it says it would and if you put it in that long most would burn to a crisp by that time, another thing that really didnt appeal to me is that the taste is like they poured tones of salt on them before they packaged them.... i wanted to eat pork rinds NOT salt, if i wanted to salt i would just get it from the salt in my seasons cabinet...very disappointed...

8740 I enjoy coffee from my pod machine because of the convenience of making just one or two cups in the morning. After trying several brands of pod coffees, this is the brand I'll continue to order. The variety assortment is a good way to try out several different flavors, and most of them are very good. I particularly like the Ethiopia Oromo flavor, which is full bodied, with a nutty flavor. The House Blend is also an excellent coffee with a mild flavor for every day drinking. In fact, I really enjoyed all of the flavors with the exception of the Donut Shop Blend. After trying it on two separate occasions, I finally ended up throwing out the rest of the Donut Blend pods because I didn't like the bitter taste. When I reorder, I'll go for the Ethiopia Oromo and House Blends. Another excellent flavor to try (not included in the variety assortment) is their Hazelnut Vanilla decaf for those times when you want a cup of coffee before bedtime. Yum!!

8778 Taco Bell recently introduced a new line of three "Bold & Creamy" sauces for the home market. Each is based on soybean oil, water, vinegar, buttermilk, and a few other standard ingredients. The Bold and Creamy Chipotle Sauce adds chipotle chile pepper puree, chipotle chili pepper, extractives of paprika, and natural smoke flavor to the basic recipe.  
  
As with the other two sauces, I tried the Chipotle Sauce first on regular Taco Bell tacos, both crunchy and soft. As with the others, I still prefer a traditional taco sauce on my tacos. It is also a fairly mild sauce to those of us who first experienced Mexican food before there were chain taco places. There is a slight-though-perceptible heat that lingers for maybe a minute if you don't drink or eat something else immediately. There is a mild smoke flavor, which would be expected given the ingredients.  
  
I tried it with some plain tortilla chips. The chipotle and smoke flavors come through clearly when there is little in the way of competing tastes. Still, I'd rather have a traditional chunky salsa with my chips. I can't see myself using this sauce again on tacos, but I do think it might be good on a hamburger or as a dipping sauce for onion rings. I plan to try it on both after the current heat wave has passed. When it's this hot (95° - 105°), I try to avoid any cooking that adds to the heat load the air conditioning is managing. I'll update this review after I've tried these items with the Bold and Creamy Chipotle Sauce.  
  
One note: the "Best if Used By" date on the bottle I received was only about six weeks after I received it. This seems kind of short to me for a room temperature bottled product that's refrigerated after opening. Perhaps it was from an older lot, but it's something to bear in mind if you're thinking of ordering in bulk or taking advantage of a sale.

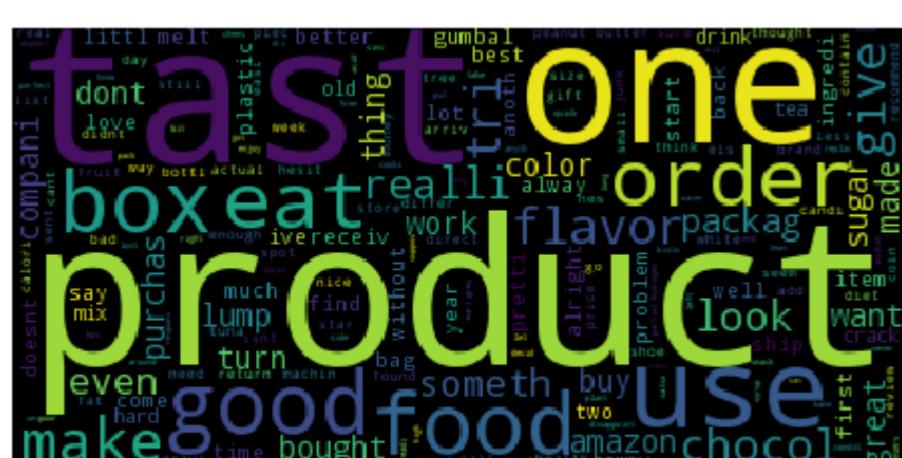
8803 Firstly, google the health benefits of fungreek [they are numerous].  
  
Secondly, fenugreek is one of those spices that you cannot deal with like other spices. These little seeds are hard as rocks and unless you want to ruin your spice-grinder, I'd highly recommend you follow my procedure for using fenugreek:  
  
Well, to begin, fenugreek is actually a legume (so, if you are prone to gastro problems with beans and legumes then you might want to take a beano or equivalent supplement before ingesting fenugreek).  
  
If you want the benefits of raw fenugreek seeds. Put 1/4 cup of fenugreek seeds in a 2 cup or so capacity container and add 1/2 cup boiling water and let steep for an hour, place steeped fenugreek covered in fridge overnight and you will have some lovely, slightly chewy, less bitter fenugreek that you can add to soups and stews or eaten by the spoonful as a health supplement. One thing you will notice, is, when you add hot water to fenugreek, they will not only soften, but, they will sprout out little tail-buds which makes them sort of mid-sprout and highly digestible.  
  
If you want to fully sprout fenugreek, you can google for many techniques.  
  
If you only want to sprout this fenugreek, I'd say this is highly sproutable since even adding boiling water to the seeds did not stop them from sprouting little sprout ends.  
  
Warning: If you 'toast' fenugreek it will stink up your house to high hell and it takes days and days to get the odor out of your house and if you are planning on selling your home, you do NOT want to toast fenugreek!  
  
Anyway, my husband hates fenugreek and I love it with a passion. I think fenugreek is one of those love or hate spices.  
  
In closing, this fenugreek is very high quality, fresh and definitely sproutable!  
  
Happy fenugreeking! lol

9002 We have enjoyed Millstone Coffee for years and until receiving our Keurig for Christmas, only drank Millstone Hazelnut Creme. (See my review for that coffee).  
But now, we have discovered another joy by Millstone. Breakfast Blend is a light roast coffee which is what we enjoy drinking. It is a great cup of coffee to wake up with. It is not bitter and does not leave a bad taste.  
Like Hazelnut Creme. I only wish it was easier to purchase. I wish Amazon would routinely carry this coffee with Prime.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 9

7247 I just bought my second box of Jack's Links because I'm sold on these! I purchased a box of small Slim Jim's for my son's lunch box and for throwing snacks in my bag for t he long afternoons of driving kids around to activities and someone ALWAYS asking if I have something to eat!! The Slim Jims were just ok, but after time got really hard, even in their individually packaged cases. So I bought the Jack Link's X Stick and immediately my 10 year old son said they were WAY better than Slim Jims. The 0.5 oz size is a little bigger than the small Slim Jims, yet not too big so that I'm filling my kid with even more fat and junk. This is just the right size for a "snack" and the price is great. At Amazon today I bought a box of 50 on sale for \$17, which is about .35 cents a stick. Don't hesitate to buy these if you are like me and need a variety of on-the-go, non-refrigerated snacks or lunch box fillers!! Great product!

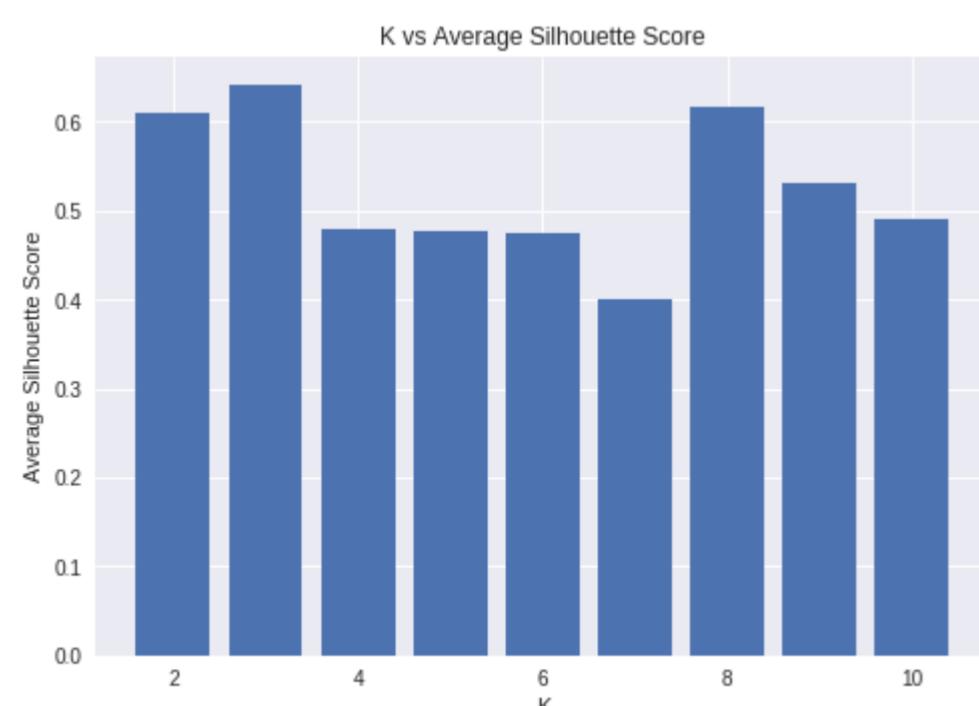
7307 I wanted to love this because of all its positive aspects. Very low mercury. Sustainably caught. Responsible company and packaging. And - I THOUGHT it was fully caught AND packed in the USA\* (\*It is packed in Vietnam.) See their web site, and click on the FAQ page - it tells that info there.  
  
I love Genova Tonna - so I thought this tuna would be even better. Wrong. You open the can and find a relatively dry hunk of tuna that smells a little cat-foodish, with some limited liquid around the lump. Dumping it out, it doesn't break up very easily, but I persisted and succeeded in making it ready for a sandwich. Taste was uninspiring. There wasn't much taste - and what was there was just ever so slightly unappealing. I couldn't finish the sandwich. I normally LOVE tuna - but not this.  
  
Thinking it was just me not liking it, I gave the rest to a person who will eat ANY brand of tuna and love it. In fact, he's one of those cast-iron stomach people who will and can eat anything. He didn't finish his sample either, because he said it was dryish and tasted unappetizing. So, it isn't just "me".  
  
I REALLY wanted to love this. But I can't stomach it. I'll just buy either the can of Genova Tonna or Starkist's Yellowfin tuna in foil packets from now on. Those taste like tuna and make me want more. Granted, they're higher in mercury - full grown yellow-fin is almost as high as albacore in mercury, but I'll keep my consumption down to one packet (2.6 ounce) or can (3 ounce) a week which is below the danger limit for a very small woman. I'd rather eat less tuna than I simply LOVE, than eat a whole bunch of tuna that I can't choke down.  
  
This excerpt is quoted from the Wild Planet FAQ:  
"Why are Wild Planet tuna and sardines caught in the US but packed in Vietnam?  
We have elected to process our 5oz cans of albacore and skipjack tuna as well as our sardines in a highly respected partner facility in Vietnam. This facility offers state-of-the-art canning expertise in an immaculately clean, accredited environment that produces higher quality finished products than any cannery we have seen in the US."  
  
I realize there are no more canneries in the US, but I'm just not comfortable with my food moving from California to Vietnam and then back to California - and then out to the middle of the US to the consumer.

7588 I Like the ThinkThin products and had good luck with a shipment of the peanut butter ones, but these brownie crunch ones arrived in poor condition. From my best guess it looks like they were stored someplace that was hot enough for their chocolate coating to melt. Each one is splotched with white, the chocolate is brittle and flakes off immediately and bears imprints of the outer wrapper, exactly as if they had melted and then re-solidified. They need to be stored someplace much cooler. They tasted fine, but were a huge mess and very unappealing to look at.

7768 Received chocolate in a box that was dirty and dusty. The chocolate itself had some old dust residue on the pieces of chocolate. I opened the chocolate, and guess what? It had "white spots" along the side. (Please see photo uploaded for this item) - Those who are familiar with milk chocolate, when it sits for a long time it develops white spots and loses its flavor. This is exactly what happened to the box of chocolate that they sent me. There was no flavor at all coming from this chocolate. It had an expiration date of "08/2011" but it was clear that this chocolate had been sitting around for a very long time. I asked politely for an exchange, and they kept giving me paste + copy responses saying that they did not do any refunds or exchanges and kept referring me to their return policy. I kept going back and forth and they were just not willing to do anything to accommodate my problem with this chocolate. Their customer service on the phone was horrible, the gentleman was not empathetic at all. They even sent an e-mail stating "This is how Kinder Bueno is supposed to look, are you sure you've tried this candy before?" SO RUDE!!  
  
The main reason I'm writing this, is because I LOVE Kinder Bueno. When I first had this in Germany, I fell in love! It was the perfect mix between Kit Kat and Nutella. However this company has really ruined this treat for me.  
  
DO NOT PURCHASE FROM PARTHENON FOODS.

7774 I bought these drops in the store and they are excellent. My mistake was ordering more through Amazon.com. I ordered through Amazon because the price was so much lower than the store. The first order arrived totally melted, pure liquid. When I called to complain, they promised to notify the warehouse that they must be shipped in a cold pack and sent out a replacement. Obviously the warehouse didn't get the message or just didn't care, because the replacement arrived melted also. After being promised that the third time would be different, they sent a second replacement...but NO, this was also melted. After this I insisted on a refund, which I promptly received. Would love to hear from anyone else who ordered if they are still shipping unrefrigerated. I would start ordering through Amazon again if they fixed this problem.

Name: Reviews, dtype: object



The average Silhouette value of K = 2 is 0.6106389540721466  
The average Silhouette value of K = 3 is 0.6411517208514491  
The average Silhouette value of K = 4 is 0.4794081312111225  
The average Silhouette value of K = 5 is 0.4772435455629473  
The average Silhouette value of K = 6 is 0.4739557028415693  
The average Silhouette value of K = 7 is 0.39979199462978494  
The average Silhouette value of K = 8 is 0.6166609203126013  
The average Silhouette value of K = 9 is 0.5299579997306707  
The average Silhouette value of K = 10 is 0.490452108525986

We can observe that K = 3 has the highest average silhouette score of 0.6411517208514491.

The wordcloud and reviews for optimal K = 3 is plotted as follows.

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

```
The number of reviews in each cluster is:  
2      16972  
1       27  
0        1  
Name: Clusters, dtype: int64
```

\*\*\*\*\*

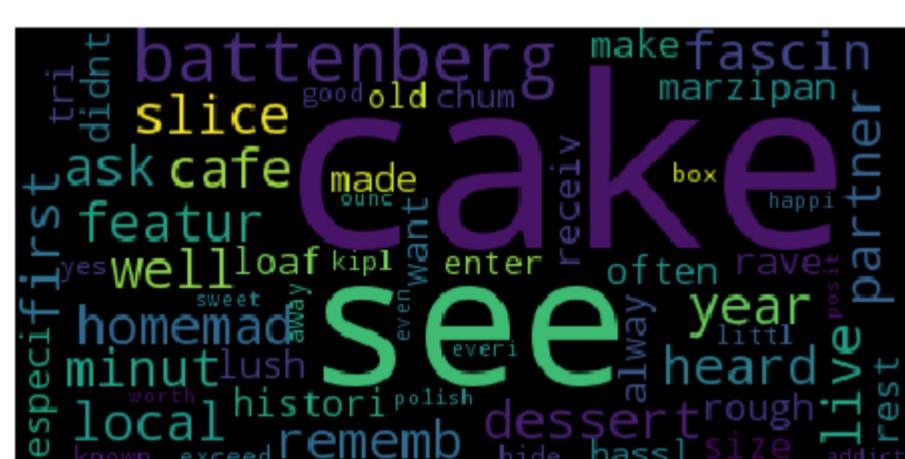
The number of Medoids formed are 3

I lived in the UK for 5 years and can remember first seeing Battenberg in a local cafe that featured homemade dessert cake slices. I was fascinated and asked my partner what it was. Well, the minute I heard marzipan, I HAD to try it and the rest is history.  
  
I often made my own which is roughly the size of a loaf cake and received raves for ''making an especially lush'' cake. BUT I didn't always want the hassle of doing my own. Enter my old chum Mr. Kipling and his exceedingly good cakes. Yes, they are and I was known to hide away with a box of 5 little Battenbergs, polishing them off in an evening. I am so happy to see them here. They are very sweet and worth every ounce!  
  
Positively addictive!

When I first tried this I thought it would be a smoothie type drink like I would find in a retail Jamba store. Little did I know this thing was packed full o' nutrition!<br />Great

\*\*\*\*\* Cluster 0 \*\*\*\*\*

### Plot of Word Cloud



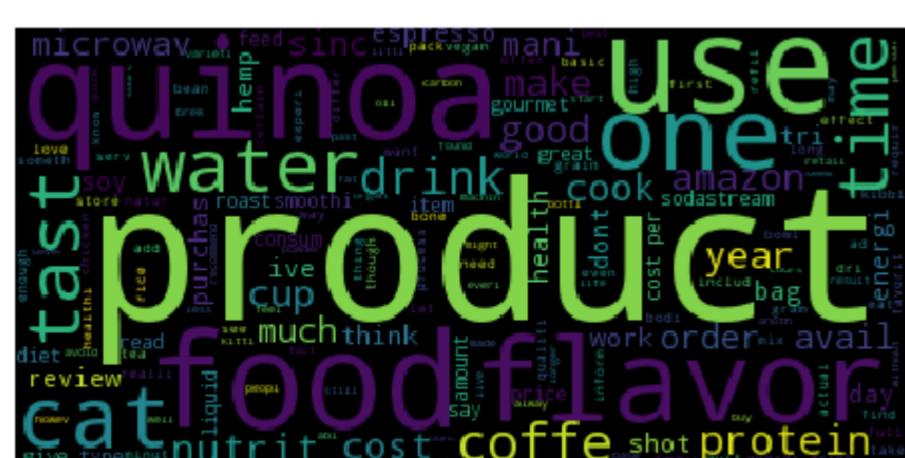
Printing random reviews from cluster 0

2564 I lived in the UK for 5 years and can remember first seeing Battenberg in a local cafe that featured homemade dessert cake slices. I was fascinated and asked my partner what it was. Well, the minute I heard marzipan, I HAD to try it and the rest is history.  
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Positively addictive!

Name: Reviews, dtype: object

\*\*\*\*\* Clusten\_1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

8210 Let me start by saying I absolutely love Twizzlers. These are definitely not Twizzlers! I've never tasted anything Pomegranate before this. They do have a nice, sweet flavor. I like it! I don't usually "do" organic, I couldn't care less, really, so that doesn't matter to me. I just wanted to see how they tasted.  
  
The texture is a little harder (tougher?) than the aforementioned Twizzlers. LOL! This results in more pulling on dental work but they're not so hard that it did any damage to my dental work, and I have alot of that to worry about! I would definitely buy these, just not on a regular basis. Kind of a treat with a unique (yummy) flavor!

8797 When I first tried this I thought it would be a smoothie type drink like I would find in a retail Jamba store. Little did I know this thing was packed full o' nutrition!<br />Great tasting, and a shot is all that is required daily. Great stuff!

9381 For a native Detroiter or anyone who has been lucky enough to taste Vernors it's the best pop/soda drink ever. Vernors is a ginger beer that's been around since the turn of the 20th century and was made in Detroit. It's refreshing and spicy and like nothing one has tasted with the closest thing I can think of being Jamaican Ginger beer which to me isn't as good as Vernors. The fact that the companies who now own it have done nothing to market it to a mass market is amazing to me. You can't even buy it at the Det airport as the other- retailers that have the lease for selling pop/soda in the airport don't own Vernors. It's wonderful to have retailers like Amazon who will ship it to you when you can't find it in stores where you live outside MI. What a wonderful surprise to discover Amazon has several sellers that will send Vernors to you. Thanks Amazon for your worldwide understanding of what people want.

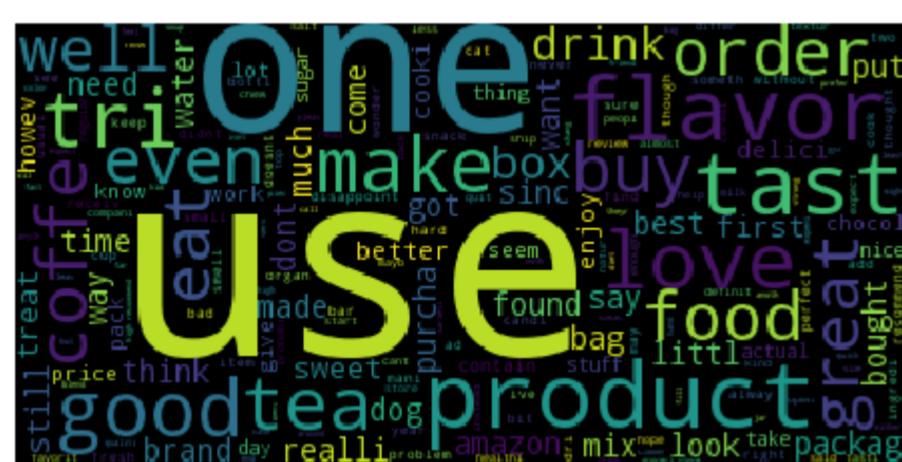
12005 I love these Orange Ginger chews...they get me over the hump, with just the right sweetness and touch of ginger at the end...the combination is amazing !

12344 This was my first time trying Lavazza Super Crema and I must say I was very disappointed the first day using these beans. No matter what dose, tamp and temperature I brewed this espresso at on my Starbucks Sirena machine, I would always get a rather sour, almost "cheesy" tasting shot. The beans were kept in an air-tight mason jar, after opening the bag, and they stayed in there neglected on my shelf for two days. I was not looking forward to trying another espresso shot with them but when I finally did try again the taste was so much better! Almost chocolately with a very nice layer of crema (I always use the non-pressurized basket in my portafilter). It made a very good latte and I was very pleasantly surprised at how much better the flavor was. Today, four days after receiving the Lavazza, I brewed two shots in my Sirena and each had a terrific flavor...almost like ginger bread! I never tasted espresso like that before. It was incredible and I must say that these beans are getting better and better the longer they are sitting in my mason jar. I highly recommend the Lavazza Super Crema but, keep in mind, that the flavor is not that great the day or two after you first open the bag. Let them sit for two days before pulling an espresso shot and the taste will only get better the following days. Enjoy!

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

8501 I love both Marmite and Vegemite, but have always preferred Marmite. I recently exhausted my last jar, so decided to order the 4 pack from Amazon since I live in the US and it is hard to come by. Now, my previous jars of Marmite were a thick, nearly black paste, resembling bearing grease, but this stuff is so thin I can almost pour it out. It's also much, much lighter in color. I made a couple of slices of toast and spread one with my Vegemite, the other with my new Marmite. I was shocked at the lightness of the Marmite. More shocking was the flavor seemed to be less intense than the Vegemite, which was not the case before. I have since read that many long time Marmite fans have been complaining about a change in our beloved spread. Unilever denies any change in the recipe, but that is nonsense. It's still tasty, and the seller ships quickly, so I'm giving it 4 stars, but I'm beginning to prefer Vegemite over this "new" Marmite. The "old" Marmite is a solid 5 stars.

8502 I ordered these to keep in my dorm, and opened a box in order to try them. They are a bit on the dry side, but with a glass of cold milk they are delicious. They are rather small and there aren't many in a box, but they are filling and taste very good.

8503 This, also, isn't worth the money they want for it. I sprayed my carpet & guess what!!! I still had fleas 3 days later! Don't waste your money!

8504 i used to give a piece of wood for a toy. My dog has been 7.5 years now... His teeth got plagues so i need to clean up because he can't... after survey, the c.e.t. enzymati  
c chews was my choice and think it is perfect decision. It works very well... after two pieces, his teeths become whitening... and the smell also fresh... it is good to improve yo  
ur dog's teeth condition better. i think

8505 Thank You Udi's for making a delicious GF bread. And on top of that it is soy free!!!! I love all the Udi's products such as pizza crusts, bagels, muffins, etc. They are the closest to regular that I have found. Yes, they are small but that's ok - they are great. They toast up nice, they can be eaten without toasting and not fall apart. We even use it to make garlic bread when the rest of the family is having the french bread garlic bread. It works well for french toast too. We love it!

### Name: Previous datatype object

#### Observations:

1. Wordcloud and reviews are printed for k values of 2, 5, 10 to get a sense of what's going on with the data.
  2. Silhouette scores are plotted for each values of k ranging from 2 to 10. It is observed that k=3 has the highest average silhouette score, hence we declare that k=3 is the best suited number of clusters.
  3. Since the average value of all the silhouette scores is around 0.51, k values of 2, 8, 9 can also perform reasonably well.
  4. When k=3, cluster 0 has 1 elements compared to 27 in cluster 1 and 16972 in cluster 2.
  5. Three medoids are formed and their reviews are printed above.
  6. Cluster 0 talks about a customer reviewing a cake which he had at a place which he found fascinating.
  7. Cluster 1 talks about food products especially liquids.
  8. Cluster 2 reviews mostly revolve around the words 'one', 'use', 'product' and 'love' which gives us the sense that it is about products which the customers loved upon usage once.

# TFIDF using K Means

```
In [0]: import pandas as pd
final = pd.read_csv("grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(10000) #Gets 30000 reviews of positive and 20000 negative scores
neg_2000 = neg.sample(7000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1', 'Score'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
print("The shape of grouped data is {}".format(grouped_data.shape))
```

The shape of grouped data is (17000, 11)

Observations: A csv file is imported which consists of 200000 data points. These data points are already sorted on the basis of time. We create a new dataframe with over 15000 data points.

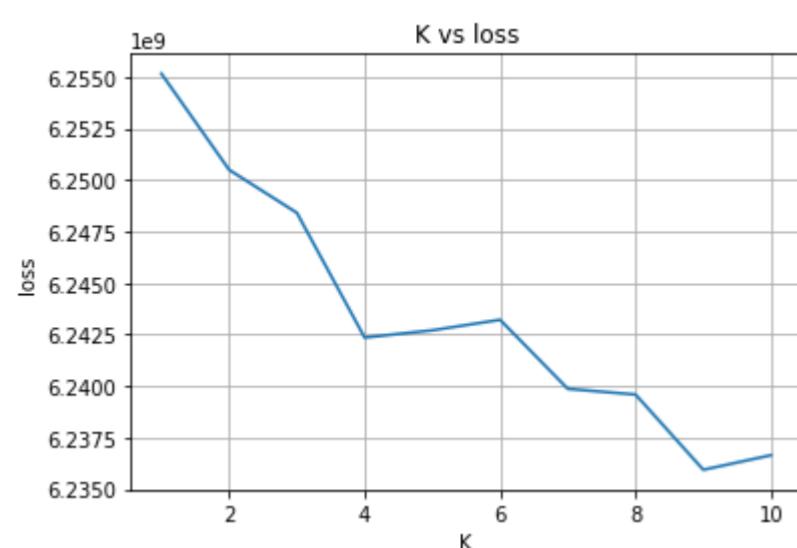
```
In [0]: tf_idf_vect = TfidfVectorizer(ngram_range=(1,2))
vocab_tf_idf = tf_idf_vect.fit_transform(grouped_data['CleanedText'].values.astype('U')) #Converts to a sparse matrix of TF-IDF vectors.
```

Observations: TFIDF vectorizations of the data is obtained.

```
In [0]: data = StandardScaler(with_mean=False).fit_transform(vocab_tf_idf)
```

Observations: Data is standardized.

In [0]: k\_means(grouped\_data,data)



Enter the value of K observed in the above plot: 7

Performing K means on K= 7  
Done!Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

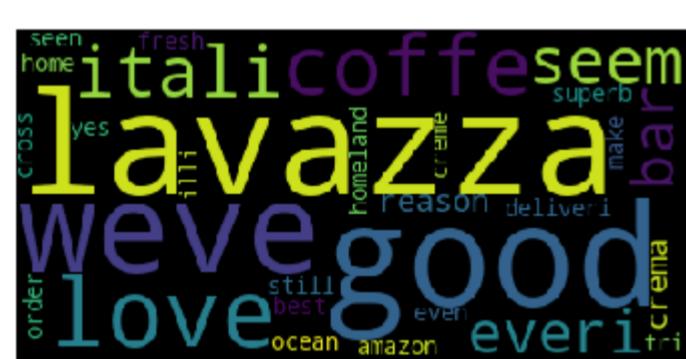
The number of reviews in each cluster is:

```

2    16994
6     1
5     1
4     1
3     1
1     1
0     1
Name: Clusters, dtype: int64
*****
```

\*\*\*\*\* Cluster 0 \*\*\*\*\*

Plot of Word Cloud



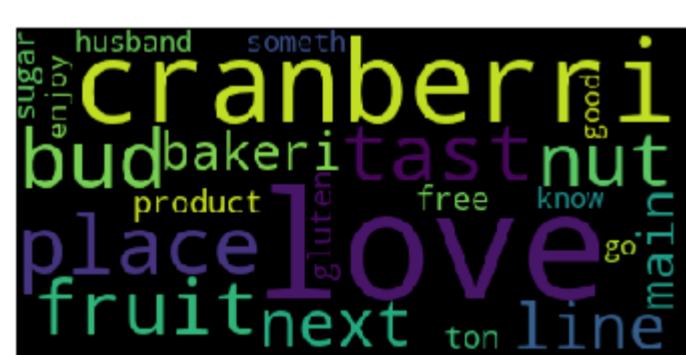
Printing all reviews from cluster 0

```

0   We love the coffee in Italy and Lavazza seems to be in every bar there - for good reason, its crema is superb! We now order it from Amazon for delivery to our home. And even after it's cross the ocean from its homeland it still is fresh and makes the best creme we've seen! (Yes, we've tried Illy, we like it but it's not as good as Lavazza!)
Name: Reviews, dtype: object
*****
```

\*\*\*\*\* Cluster 1 \*\*\*\*\*

Plot of Word Cloud



Printing all reviews from cluster 1

```

1   While cranberry is 1st place for my taste buds, the Fruit and Nut is next in line! Love Bakery and Main products! Love there's not tons of sugar and that my not-so-much gluten free husband enjoys them too! Then you know you have something good going on!
Name: Reviews, dtype: object
*****
```

\*\*\*\*\* Cluster 2 \*\*\*\*\*

Plot of Word Cloud



Printing 7 random reviews from cluster 2

2 My cousin-in-law is Thai and she cooked an amazing curry for us. I had to have the recipe and she said it was really very simple. Just get the green Mae Ploy curry paste, some Asian basil, and some coconut milk. A little salt, sugar, chicken, some bamboo shoots and rice were the only other things I would need to make it. Well, I couldn't believe it was really THAT simple, but it was! The paste imparts several subtle and delicious flavors to the curry. Tastes like you slaved for hours. I never have leftovers when I make this curry. The paste is so low priced I plan to stock up so I'll always have some on hand. Plus-- no preservatives, no weird ingredients. It's all food stuffs, albeit some of the ingredients I don't recognize... what is a galangal? Whatever it all is, sure tastes good!

2 This must be a typeo or this is the most expensive pod coffee ever.

2 This coffee is the best coffee available in the US today. I've served it to 14 other people also, since trying it at my house, have gone out and bought it too. The whole Sense o System makes the first cup in the morning and all day thing. Gone are the days of burnt or cold coffee. Now Everyone gets a fresh delicious cup anytime of day or night and whichever flavor or style suits them best.

2 I love these things! My dog requires medication twice a day, something we both dreaded. Now my dog thinks he's getting treats twice a day! So easy to use and only 20 cal each so I don't have to worry about his weight and cal intake. Try these, your dog will thank you.

2 I've used this Savory Choice product for over a year and can recommend it highly. It is delicious and easy. Inside each individual packet is a thick liquid: just add it to a cup of water to make the broth. This is not like the low-salt, low-fat powders or the canned products but more like broth you've cooked from scratch. Comes in beef, chicken, and turkey flavors. I keep it handy on my RV as well as in my kitchen.<br />Update 2010: I'm still ordering and using the chicken broth and the beef broth as staples in my pantry and on the RV. I've given packets away to friends so they can enjoy these excellent products. While cooking, you can squeeze the packet into your food and add the cup of water, then stir. Easy and a big saving in shelf space over cans.

Easy and a big saving in shelf space over cans.  
2. This a great tea by Celestial Seasonings. It's good hot or cold. You get natural ingredients, no calories, and the bonus of Vitamin C.

<sup>2</sup> I used these in the recipe called "Buddah's Feast" in the Golden Temple Cookbook. Lovely legume!

Name: Reviews dtype: object

## \*\*\*\*\* Cluster B \*\*\*\*\*

## Plot of Word Cloud



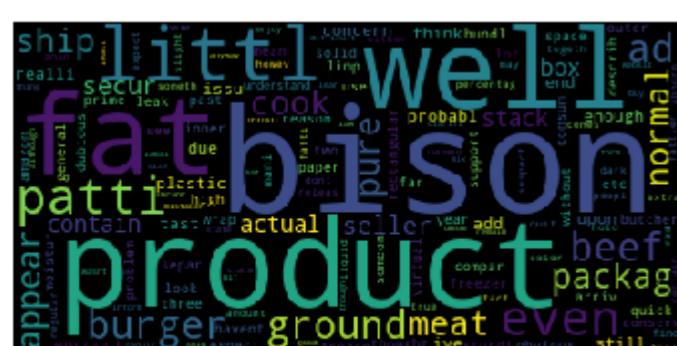
Printing all reviews from cluster 3

3 I adopted my adorable Edmund last year from a shelter. They sent me home with a small bag of Felidae (NOT grain free version) cat and kitten formula as he was a kitten at the time.  
I am very concerned about eating healthy WHOLE foods, so I of course want the best for my kitty as well. I did research and found that cats' digestive systems are not designed to eat any grains/fruits/vegetables directly, and basically the only carbs they are to eat are what is already in their prey's stomachs (ie: if a mouse ate something carby and the cat ate the mouse they would get a little of whatever was in it). So I wanted to make sure the ratio of his food was as close to what's found in nature as possible, without breaking the bank.  
He already seemed to really like the Felidae Grain-included version, so as soon as my starter bag ran out I immediately switched to the grain free variety and he has ONLY eaten this ever since I got him - he LOVES it!  
I give him one small scoop of this grain free kibble in the morning and then a quarter or so of a large 13oz Felidae grain free can of food. We've tried both the turkey/chicken and the salmon grain free canned ones and Edmund goes CRAZY over the turkey/chicken grain free canned, but is a little slower with this salmon stuff. Fortunately he will eat anything I give him, so it wasn't a waste for me to buy a whole case of this too :-).  
  
He has the absolute SOFTEST, SHINIEST FUR COAT I have ever seen on a cat and he is very healthy and happy. Also, we've had zero need for vet visits since I brought him home and his chronic upper respiratory issue completed cleared up within two weeks! I have to blame at least SOME of all this on the fact he only eats grain free Felidae food (the rest is because I love him so ridiculously much!).  
  
I LOVE the FREE SHIPPING on Amazon (I buy a case of canned and a bag of dry (or 2 of one) at the same time)! I used to buy this elsewhere, and since it's so heavy shipping would often be almost as much as the product!

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 4 \*\*\*\*\*

### Plot of Word Cloud



Printing all reviews from cluster 4

4 The seller shipped very quickly and with secure packaging, such that the product all arrived frozen solid. Shipping obviously was a little high, especially for those of us used to having the Amazon Prime shipping deal; but it was reasonable compared to other sellers I had looked into.  
  
The actual product packaging is also well thought out. Each rectangular box (which stacks well in the freezer and conserves space) contains two vacuum-packed plastic bundles, each of which contains three bison patties, separated by butcher's paper. The outer boxes are sturdy enough to support and stack well without getting limp from moisture etc., and the inner plastic wrappings appear secure and so far have n't leaked (a problem I've had with many meat products in the past few years).  
  
Being someone who has consumed a lot of bison, I was a little dubious upon seeing these patties described as "80/20", which generally means 80% meat and 20% fat. My concern there was because bison has virtually no fat; my understanding is that one cannot really even find enough fat on the animal to add it to the ground meat to up the fat percentage for burgers. So I suspected (and this may be true) that this product has some beef fat added to it. The patties also hold together well (unusual for ground bison) and they don't have quite the normal dark red color, either.  
  
Still, upon cooking the patties, they appear to be pure bison texture-wise, and they taste like pure bison, if a little fattier than normal. They did release a fair amount of liquid (again abnormal for ground bison), so I do think something "extra" has been added. However, this is probably due to the fact that people expect "burgers" to have a certain cohesiveness and slightly fatty taste, and regular ground bison is actually difficult to form into a burger due to its leanness. Anyway - I wasn't overly concerned by the end about these issues, although I think such things should be clarified in the packaging information as well as on any websites where the product is being sold. I have encountered "100% pure bison" labels on products that had at least 10% beef added. I've even encountered claims stating that the "law" required them to add beef (which is nonsense). Anyway; could be I'm mistaken and these really are 10% bison; but in the end, after cooking, it appears that is what you are eating, even if beef fat was added.  
  
The burgers shrank a bit in cooking, but that's normal for burgers; they remained a good size and I have enjoyed them. I would probably buy them again, even though I am still a little unsure about the mix issue.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 5 \*\*\*\*\*

## Plot of Word Cloud



Printing all reviews from cluster 5

5 ok, so i'm not the sharpest tool in the shed. i went to grab the bottle of blair's after death sauce, but picked up sudden death by mistake. i proceeded to spill about a full teaspoon worth onto my plate, then dipped some battered fish into it. i realized my error the moment i started to chew. instantly my mouth felt like it was bursting into flames while angry bees began stinging my tongue. sweat started running from my head like a faucet. holy cow! it is waaaay hotter than dave's temporary insanity!!! taste? it's ok but who buys hotsauce for taste?? even milk didnt help. the good thing though is that it stops killing you in about 15-30 minutes... that is , until it exits the other end!!!

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 6 \*\*\*\*\*

## Plot of Word Cloud



Printing all reviews from cluster 6

6 Update: 3-9-12  
Tomorrow marks the six-month anniversary of Whisper's attack. It's hard to wrap my mind around that with an objective perspective. He's going to get steamed salmon filet to celebrate, and I will celebrate by trying to continue to spread the word about this wonderful tea!  
As I mentioned earlier, there is a bulk package available through amazon.com that makes 14 gallons for \$70.00. The bulk essiac came yesterday. It is in four packets of ingredients, with 2lb burdock root, 1lb sheep sorrel, 4oz slippery elm and one ounce Turkish rhubarb root. Those are the ingredients in both my books on making it yourself. The Flora product also includes kelp, blessed thistle and red clover, none of which other than red clover are mentioned in either book that I have read, although they suggest adding a bit of bloodroot for hard cancers.  
I should be able to accurately measure out portions to brew whatever amount I like at a time. I'm probably going to try for two quart batches and see how long that carries Spirit and me. Whisper will remain on the Flora product. I can be pretty scientific about the preparation, but I'm going to quote an Ojibwah medicine man from "Essiac, A Native Herbal Cancer Remedy" by Cynthia Olson.  
"I use a big handful of chopped, dried burdock root (My hands are kind of big. This weighs about 3 ounces.). Then I use a big handful of sheep sorrel. This weighs about 1 ounce. Then I use big pieces of dried rhubarb root, amounting to about 1/2 ounce (I use big pieces so the laxative effect is not boiled away). Then I add a wad of slippery elm (inside bark) about the size of a golf ball. This won't move most scales (about 1/18 of an ounce). This makes about one week's supply, so boil in one gallon of water, then let it soak overnight, strain it in a one gallon apple juice jar and store in your fridge. Drink one 8 ounce cup twice a day. More if you feel like it.  
Don't dilute it. That some whimpy white man's health food store thinking. It tastes kind of thick and slippery. If you heat it, do it in a small saucepan on a burner. Don't ever use a microwave or it will be useless. By the way, when you drink it, pray that your body will get back in harmony with The Great Spirit."  
I think this may be the best way for me to prepare it, although I will probably see what my particular hand measurements amount to. Also, it looks as if everything in the packets is pretty well powdered, so it may force me into weight measurements. I like the medicine man's philosophy.  
Also, since for spirit and me, it is more for purification than "cure" (knock on wood!), we will probably take a couple of ounces per day, each...we'll see what the results are and adjust it. I'll keep you posted.  
Six-month portraits of Whisper will follow!  
Update: 1-31-12 I've added two more photos of Whisper, taken this evening. I don't have much to add, other than the fact that his blood-work is normal, and I continue to give him daily doses of Essiac tea. I will always do anything to keep Whisper and Spirit in my life, as long as theirs have quality. I can ask for no more the joy they give me daily!  
Update: 12-4-11 A picture is worth 1,000 words, and if you look at the photos I just uploaded, you will see two sweet critters who are the pictures of health!!!  
Update: 10-26-11 Whisper continues to thrive! I have not seen him act so playfully for a couple of years, at least. He is happy, accessible and loving. His appetite is very good. He threw up once the week before last, which was scary. The vomit was dark brown and the consistency of espresso coffee. Although it was unnerving, he seemed fine afterward. It was a single incident, and may have been part of the process of his body purifying itself.  
Spirit has not needed Rimadyl and continues to be extremely playful. I have been taking a couple of ounces per day a couple of days a week, and even at low-dose, I feel more energetic.  
Tonight I added photos of the brewing process. It isn't the simplest thing in the world, but it takes about fifteen minutes of your actual attention. Remember, the Drs at the emergency hospital told me Whisper had only days...or weeks, at best before he would die. When he came home, I had almost no hope. Yesterday, I received my second box of tea. We haven't consumed all of the first. I've given a portion of it to friends who also have animals with serious illness.  
We live in a toxic world, and Big Medicine will try to separate us from our money by nuking us with toxic chemicals and procedures while draining our money if we let them. There are viable alternatives.  
Essiac Tea is one of the most potent, but there is also colloidal silver as an antibiotic that is gentle, effective and works over and over, unlike prescription products. Olive leaf extract also fights many infections safely, and for UTIs, try Usnea and Uva Ursi tincture. Just those few remedies, with the recent addition of the essiac tea, have kept me disease-free for years. Don't forget to eat healthy food, never smoke, and if you drink, do so moderately. Exercise daily, drink water, and thank the earth for all of the tools we have to keep healthy naturally.  
I will update this review as the treatment progresses. So far, so much better than I had hoped!  
Original Review:  
On September 10th, 2011, my 12-year old cat, Whisper suddenly became near death. I had seen him about 4:00 and he seemed fine. At 6:30 I went to find him to give him his supper and I found him in the bathroom with his belly inflated to the size of a volleyball, a look of horror on his face, and screaming weakly. I rushed him to the local animal emergency hospital, and by the time I got him there he was almost gone. They rushed him to their ER, relieved the pressure and got him on multiple IVs. The next day, they did extensive tests and determined that he has aggressive lymphoma.  
I was devastated. I had lost his sister, Shadow, in June to a different attack, apparently from the same cause. The vet who came to euthanize her said she thought that a large lymph gland in her abdomen had ruptured and caused a huge infection which was untreatable.  
In Whisper's case, they told me that with chemo, he might have weeks, and without it, he probably had days. They managed to get him stable enough to take home with steroids and a special compounded prescription to restore function to his bowels, but the prognosis was grim.  
A friend of mine who had a cat who was diagnosed with a hard-tumor cancer, given two months to live and when put on essiac tea, lived 18 months and passed peacefully of heart failure told me about this brand and recommended I try it.  
I ordered it, and by the time it arrived, although he was still alive, he had become anorexic, lethargic, and I really didn't think it would do any good. He also had caught an upper respiratory infection in the hospital. I gave him his first four doses with an irrigating syringe, and he started eating again, coming out socially and began taking it with juice from canned salmon.  
Now, just over a month since he was released and three weeks into the tea protocol, he takes two doses with salmon juice and he and my dog, Spirit, who I found out at the same time had a mass on his rectum, both get it in one of their water dishes to drink during the day.  
Whisper has gotten back to his old sweet, loving, playful personality, has a great appetite, and plays like a kitten, running to me like a puppy! Spirit has responded to the point that I can't locate the mass. I've been able to take him off Rimadyl. He was starting to have soreness after hikes and play. He can travel up the stairs with no problem, jump into the back seat of our SUV, and doesn't have the risk of upset stomach he had with Rimadyl.  
This is amazing stuff!

If I ever develop cancer, I will use it first, and ignore chemo and radiation therapies. Until now, I had simply believed when cancer was diagnosed, it was going to get you someday, somehow...sooner or later.  
With essiac tea, I believe we have an amazing weapon, which, if it doesn't outright cure it, works better than anything I have ever seen with anyone or any animal diagnosed with cancer and from reports I have read may actually cure soft cancers such as lymphoma.  
I don't know how advanced Whisper's is, but I have seen pretty much miraculous changes in him over the shortest of times. I will update this review as we continue using the tea, but in three short weeks, I have come from feeling despair and huge grief to believing he may be with me for a very long time! I bond to my animals almost as much as my daughter, and I am still not over Shadow's passing. If I had lost Whisper, I don't know what would have happened to me emotionally or spiritually.  
Over the last fifteen years I have lost nearly everyone of importance in my life except my daughter, and I am saturated with the pain of loss.  
Essiac tea has already bought me more time than I expected to have with Whisper and the fact that he has become so vital again in such a short time gives me hope that we will be together for a long time to come!  
I will update this review as I watch Whisper's progress, but right now this may be the best \$25.00 I ever spent! It cost me almost \$3,000.00 to find out what he had and stabilize him. If I had known about this when Shadow passed, I would have started him on it prophylactically. If you or a loved one are suffering from any form of cancer, please try this. It's a bit of a project to brew, but worth every penny and every ounce of effort!

Name: Reviews, dtype: object

## Observations:

1. Through the elbow plot it can be observed that k = 7 can be considered as an optimal K value.

2. Cluster 2 has 16994. Rest all clusters have one data point each.

## TFIDF using K Medoids

```
In [0]: import pandas as pd
final = pd.read_csv("drive/grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(6000) #Gets 30000 reviews of positive and 2000 negative scores
neg_2000 = neg.sample(4000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1', 'Score'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
print("The shape of grouped data is {}".format(grouped_data.shape))
```

The shape of grouped data is (10000, 11)

Observations: A csv file is imported which consists of 50000 data points. These data points are already sorted on the basis of time.

```
In [0]: tf_idf_vect = TfidfVectorizer(ngram_range=(1,2))
vocab_tf_idf = tf_idf_vect.fit_transform(grouped_data['CleanedText'].values.astype('U')) #Converts to a sparse matrix of TF-IDF vectors.
```

Observations: TFIDF vectorization is obtained.

```
In [0]: data = StandardScaler(with_mean=False).fit_transform(vocab_tf_idf)
```

Observations: Data is standardized.

```
In [0]: svd = TruncatedSVD(n_components = 1000)
data = svd.fit_transform(data)
print(svd.explained_variance_ratio_.sum())
```

0.3097542889245451

Observations: Dimensionality reduction is performed and percentage of variance retained is shown.

```
In [0]: D = pairwise_distances(data)
```

Observations: Pairwise euclidean distances are calculated from each point.

```
In [0]: implement kmedoids(grouped_data,data,D)
```

===== When number of clusters is 2 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

```
The number of reviews in each cluster is:  
0    8792  
1    1208  
Name: Clusters, dtype: int64
```

\*\*\*\*\*

The number of Medoids formed are 2

Printing Medoid reviews

### Plot of Hand Cloud



Printing 4 random reviews from cluster 0

4989 I have previously used the Hodgson 9-grain, and the White, and those were/are fine. But the resulting loaf from this mix came out hard, seemingly already stale, and just falls apart when trying to make/eat my sandwich. Not very tasty at all either. Easily, I like the White best (so far), and the 9-grain also good, especially being so healthy. Will NOT buy this Honey Whole Wheat again nor would I recommend it. But, who knows, maybe I just got a bad batch? But will not risk buying another...

4990 I wasn't really optimistic about this sauce; I mean, after all--Taco Bell brand? How gourmet can it be? To my surprise, it's pretty good, and it has potential for several different uses; understand I'm speaking as a somewhat opportunistic cook.  
  
If you taste it straight, there is a slight artificial taste to it, but this is not noticeable at all when you combine it with other food. We had it as a taco sauce tonight--that seems to be its intended basic use--and it went well; even the Picky Eater I'm married to liked it. It has the spicy part just about right for those of us who want many foods to be a tad on the hot side, but who also want to be able to enjoy the taste of the food more than the heat of the pepper. It's a bit spicier than I thought it would be, but in a good way.  
  
I also put some in a small bowl to use as a dip, and that was also quite good. I think next time I will add some finely chopped tomatoes (I have a garden, and it's tomato-plethora time as I write this) and scallions. Experience says it will be good.  
  
I think it would make a decent salad dressing, and there I might add some extra peppers, maybe serranos (it's pepper-plethora time, too), and some cilantro--maybe just a tiny shot of olive oil to thin it out a bit.  
  
In short, it's one of those items that can stand alone in some things and also make a very useful ingredient. No, it's not an authentic, gourmet, classy sauce; but it can be one of those reliable things that make the lot of the person putting together a meal in a hurry a better one.

4991 This is my 1st time to write a review only because I totally believe in this product. I give this to my 3yo and 1.5yo kids at the onset of their viral infection (colds, cough or fever). This is very effective if given within the 1st few hours of symptoms and taken every few hours for maintenance. They may still have the symptoms but it wont be as bad or you may experience shortened sick days. This is a must-have in our home! I also take it at the first sign of symptoms and the virus wont push thru.  
  
Overall I think it's worth the cost compared to buying medicines and going to the doctor if symptoms persisted w/o [a href="http://www.amazon.com/gp/product/B000VK080C">](http://www.amazon.com/gp/product/B000VK080C)Wedderspoon Raw Organic Manuka Honey Active 16+. 17.6-Ounce Jar

4992 I have been using this product for several years now and all of a sudden,none of the stores are carrying it! so,Got on amazon and recieived it almost immediately Thank you Amazon!!

4993 I actually love the product itself, but do not recommend ordering through Amazon. I got my first shipment, and the cans were leaking and looked like someone beat them with a baseball bat. Amazon sent a replacement, and they were only a hair better. Still leaking and dented up. Not sure if it is just this product or if it is just cans in general, but I would not order again.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

5098 I picked these FunBites MiniCongo bones for my puglie. I am pretty picky about what kind of chews I give her. Sometimes she has a hard time of chewing them so she gives up and swallows them whole. This usually makes her sick then. She was able to chew these bones goodand into small edible pieces. She would chew on them for hours. Sometimes she would leave an unfinished chew on the floor. If I would find it I always picked it up and would hide it from her and then tell her she had to find it. They must smell really good because she always would. I will be buying these again for her.

5102 I'm happy to report that Amazon found out what happened to my order and my Yummy Earth pops were waiting at the door for me. I received 320 pops and my flavors seemed to be exact @ 40 of each of the following flavors. Cherry, Grape, Sour Apple, Pomegranate, Strawberry, Blueberry, Watermelon and Mango.  
I did not receive some of the flavors mentioned by a few other reviewers such as Lemon, Ginger, blood Orange and another one something...Cocktail. So far I've tried both the Cherry and Sour apple and I think they are very good.

5113 A co-worker used to use this product. The spray remains in the air and can be detected as a heavy scent several yards away (huge warehouse-type building), and caused asthmatic reactions after use in normal-sized rooms. He kindly shared the product information with me AND ceased using it out of concern for those affected. Many individuals later expressed privately to me that the odor was repulsive, even if it had not been over-strong (it is apparently impossible to apply the spray version of this product "lightly"). So if you are trying to be a chick magnet, DON'T buy this product. "Your cologne is making me gag and nearly pass out" isn't the conversation you want to start with "the ladies."

5118 I was cruising the aisles of my local "largest retailer in the US" super store one day and spotted the rooster-adorned bottle with the green lid...I had never tasted, noticed, or even heard of this stuff before, but as a hot sauce enthusiast I decided to give it a shot. Serendipity, baby! Sriracha (hey Pat Sajak, can I buy another vowel? how do you pronounce this anyway?!) is now my absolute favorite hot sauce, and I have about 20+ varieties on the shelf at this very moment. One of the crucial elements to a good hot sauce is the right blend of heat and flavor, and it's a delicate balance. Some get the flavor but not the heat (Frank's), while others get the heat right but lack flavor (yes I am talking to you, you plethora of generic Habanero-based hot sauces). Sriracha, however, nails it both ways. It packs some legitimate kick, but it isn't an endurance contest either. When it's there, it wakes you up, kicks you in the pants, and you know your dish has been revved up a few notches. But you wouldn't want to presume this stuff upon an unsuspecting novice lest they drink all of your beer, er I mean soda, in a desperate search for relief. But right there with the just-right heat is the sumptuous flavor that goes so well with so many foods. Unlike many of my other beloved hot sauces, Sriracha doesn't skew very heavily toward the vinegar end of the spectrum (vinegar is a listed ingredient but it's low on the flavor profile). Instead, the sugar, garlic, salt, and chili pepper combination creates a sweet, salty, almost nutty flavor that enhances far more than it overwhelms. I use it on nearly everything: pizza, soups, sandwiches, chips, eggs, baked beans, burgers, and the list goes on and on. This is definitely the most versatile hot sauce I've found...  
I feel somewhat ashamed for writing such a long, rambling review for a freaking hot sauce, but give it a shot and you'll understand - Sriracha isn't just a hot sauce, it's a way of life.

5120 These bars, to me, taste like a moist, soft oatmeal cookie. Oats, raisins, nuts, and a nice spice note. Considering all the things they're not (wheat free, gluten free, non-dairy) these are really tasty. Many of the moist healthy bars I've tried are really sticky, but not these. For me they're not too sticky, and just the right amount of chewiness and sweetness. The added chia seeds were a bit of a distraction, but not enough to ruin the experience. Overall, I like them well enough to purchase them, and at less than 80 cents per bar, a not too extravagant treat.

Name: Reviews dtype: object

----- When number of clusters is 5 -----

Creating a dataframe with Reviews, Cleaned text and Clusters..  
Dataframe is created!

The number of reviews in each cluster is:

The number of reviews in each category:

0	9184
4	447
3	291
2	77
1	1

The number of Medoids formed are 5

Printing Medoid reviews

After reading a couple of reviews that seemed to be negative I felt i had to put in my two cents.  
  
In so doing this i will be blunt. This stuff will make you a sex machine. I've gotten four bags of it and was very impressed every time. On more then a few occasions I've taken a large amount and been able have sex multiple times in a row without losing hardness. i was able to ejaculate three times in a row without loosing my erection on many occasions.  
  
On top of that this stuff is very nutritious and has aided my a

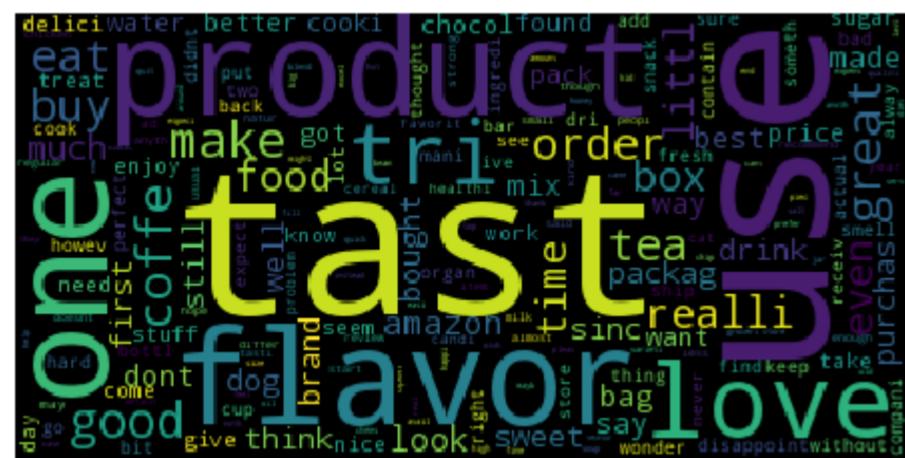
the price says \$1.21 an ounce....they ship you 2 ,15 ounce steaks for \$72.75...same price as lobell's or allen brothers... relatively speaking...but amazon did give me complete ref und....but be aware the price is \$2.42 an ounce...the steak was well marblized but very inferior in taste to the prime steaks that i buy from my butcher in philadelphia...brian opp enheim in philadelphia

It is great that I am able to purchase Yorkshire Gold Tea through Amazon.com. In the city in which we live the near-by grocery often doesn't have Yorkshire Gold Tea, so we have to drive across the city to their other store to make a purchase. Then we can find only a 40-count box, for nearly as much as it costs to purchase 160 bags through Amazon.com. A real bargain!

I've been feeding my two labradors this food for about 3 yrs now and they are both doing well.  
My older lab (13yrs.) seems to thrive on it and despite some level of arthritis in her hips, she still is very active. I don't mean to ascribe this to Canidae solely, but it certainly helps.

\*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 0

5007 After watching a popular health show on TV recently, I decided to order cactus jelly for its health benefits. I did not find much flavor in it. Perhaps the actual "cactus" flavor IS super sweet, or maybe cactus just has little flavor. I have not compared this brand with any other, similar product, so I cannot say if this is a good or bad representation of what cactus jelly is like. I read an article that described the flavor of prickly pear cactus to "cold green beans", so maybe sweet and bland is better than a green bean taste on my toast! I also doubt that there is as much healthy stuff in this once it is turned into jelly. I will seek a different product in the future.

5008 When you eat a Chips Ahoy Chewy cookie, you anticipate a certain texture and flavor. This cookie does not have either.  
  
The texture was the thing I noticed first. Yes, the cookie is chewy. Yes, there is a vague moistness to the middle, which has creamy chocolate. However, the cookie, as chewy as it is, had an unpleasant, dry texture to me. I know, how can a cookie be chewy and dry at the same time? I have no good answers.  
  
What I do know is that I tried these cookies on several different occasions. I also had one other person try these cookies, and that person's opinion was identical to mine. I also noticed that these cookies broke easily, suggesting that the dryness was more than the perception of my tongue.  
  
Was there anything positive about these cookies? Yes, these cookies had several positive aspects, though those aspects failed to overcome the texture. The thing I liked the most was the chunks of white chocolate. The chunks tasted like nuts to me, and they were the best thing about the cookie. I also liked that the cookies were chewy, even though the level of moisture seemed insufficient to me. Lastly, I thought there was a reasonable taste of chocolate in the cookie.  
  
With all these positive aspects, the thing that bothered me most is that this cookie did not taste like a Chips Ahoy Chewy cookie. The taste was just okay. I am a big fan of Chips Ahoy Chewy cookies and I love the way they taste. These cookies fell short of what I expect from a Chips Ahoy Chewy cookie. Rather, the cookie tasted like an imitation or perhaps a cheap generic brand to me.  
  
There is a lot of competition in the cookie aisle. There has to be 100 or more varieties of cookies available. A new cookie, such as this one, should be phenomenally good to be able to win customers away from competing brands. However, this cookie is not phenomenally good. I predict that either this cookie will disappear from store shelves or its formula will change. In the meantime, you may avoid this cookie in favor of the other, better choices that exist.  
  
Good luck!

5009 Finally found a product that killed the onion grass in my lawn and flower beds, and it really worked by killing the nasty little bulbs underground.....thanks Amazon

Finally found a product that killed the chick grass in my lawn and flower beds, and it really worked by killing the nasty little bubs under ground.....thanks Amazon.....

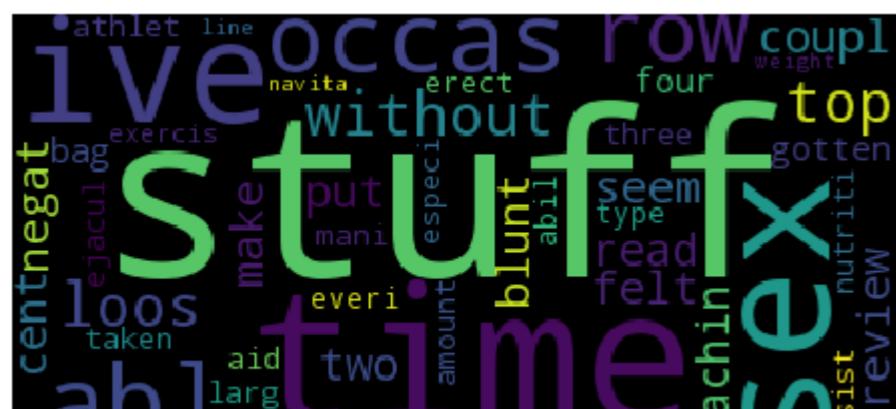
5010 Gotta love Organic raisins! These are good, and I keep them longer by refrigerating them when they are opened.

5011 I love Orange blossom honey, tried this for convenience factor but disappointed with this product. The flavor is hardly distinguishable when placed in my tea. I tried 4 sticks...same thing. Not worth it, I went back to my other brand with the squeeze bottle.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



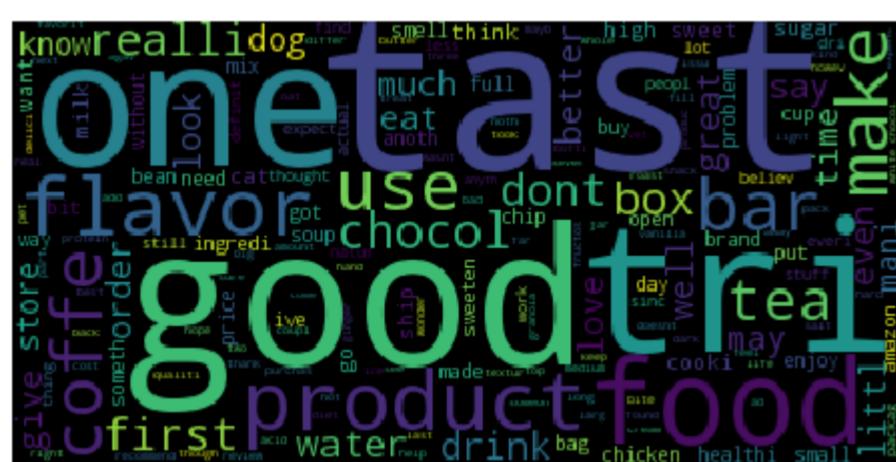
Printing random reviews from cluster 1

1617 After reading a couple of reviews that seemed to be negative I felt i had to put in my two cents.  
  
In so doing this i will be blunt. This stuff will make you a sex machine. I've gotten four bags of it and was very impressed every time. On more then a few occasions I've taken a large amount and been able have sex multiple times in a row without loosing hardness. i was able to ejaculate three times in a row without loosing my erection on many occasions.  
  
On top of that this stuff is very nutritious and has aided my athletic ability. Especially in resistance type exercise (kettle-bells and weights)  
  
Navitas is top of the line stuff too!

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

4929 I purchased the Starbucks VIA iced coffee on a whim at my local Starbucks due to it being on sale. I love it. I was nervous about the taste at first because it's pre-sweetened and while I do like sugar in both my hot and cold coffee, I don't like the excessive amounts that Starbucks packs into its bottled Frappuccinos at the grocery store. The sugar content in those are outrageous. The sugar in these instant iced coffees I can take and I would say it's half as sweet as the Starbucks bottled Frappuccinos, but still may be too sweet for some.  
  
There's one oddity about the pre-measured amount. The directions say to add 16oz of water (and possibly ice), but most standard drinking glasses are just at (or slightly above) 16oz, so if you like milk or cream in your coffee you're going to have a hard time putting the amount you want without the glass overflowing. Perhaps I'm one of the few that drinks iced coffee with cream, maybe? I don't know, but it's annoying (lol). Not annoying enough to rate the product below 5 stars, though. Next time I may make a small pitcher of iced coffee by dumping several sticks in 48oz of water and then I don't have to worry about it. ;)

ay make a small pitcher of iced coffee by dumping several sticks in 48oz of water and then I don't have to worry about it. ;)  
5113 A co-worker used to use this product. The spray remains in the air and can be detected as a heavy scent several yards away (huge warehouse-type building), and caused asthmatic reactions after use in normal-sized rooms. He kindly shared the product information with me AND ceased using it out of concern for those affected. Many individuals later expressed privately to me that the odor was repulsive, even if it had not been over-strong (it is apparently impossible to apply the spray version of this product "lightly"). So if you are trying to be a chick magnet, DON'T buy this product. "Your cologne is making me gag and nearly pass out" isn't the conversation you want to start with "the ladies."

5146 When these came home, I was less skeptical about what I was getting. The name says it all, oat, coconut and chocolate, in a bar form. Sounds more like a cookie to me. Tasted a lot more like a cookie than a bar that was healthy for me. Which is good. I want to taste my food and know it's healthy, than not want to taste my food while knowing it's healthy. There was plenty of chocolate in the bar for me and it wasn't concentrated in chunk or random chips. The chocolate pieces used had melted nicely, so the chocolate was very prevalent throughout.  
  
I definitely could taste the coconut, but it was a more fresh flavor than say something you'd buy in a bag at a store. It also did not overpower the rest of the bar. Coconut is a powerful ingredient. It's good to know it was used in moderation. The oats and the cookie part of the bar lend well into reminding me of a great oatmeal chocolate chip cookie. I could take a bite and got plenty of the cookie texture I want more of, with bits of oat and smaller but still flavorful coconut.  
  
I think it'd work well to think of these less as a bar (like a healthy food bar) and more of a great tasting, small cookie.

5275 I ordered Kitty litter by mail as it was the same price as pet store, plus no shipping cost! When it arrived two boxes were opened, and I mean this was not rough play by UPS, the boxes were literally opened and about one quarter of the contents were gone in each box. It took us a while to undue all the boxes after finding the first one and this was so deliberately done. Each box was separately wrapped, and the reason I ordered this type of box was because the quantity is supposed to be greater for the same price as other brands. Someone truly is literally stealing Kitty Litter out of boxes, then shipping the rest in orders. They were open at the perforations on the side of the box, the way you normally open Kitty litter boxes, not from mishandling. You would have to see it to believe how much someone just plain stole 1/4 of the litter from each box. Crazy! Not happy about this at all.

5280 This wasn't perhaps the finest cuppa joe I've ever tasted, but there was certainly nothing wrong with it and it'd be perfectly fine as a day-to-day morning coffee. The low acidity that is Puroast's selling point isn't really noticeable in the taste, of course. Because I don't have a big problem with coffee-generated acidic reflux -- and have a generous store built up of my own natural bitterness besides -- it's hard to assess the effectiveness of that low acidity in making for a more pleasant environment in your digestive system. Maybe drinking this for several days in a row would produce a marked change even for the less afflicted? I hope it does work well for folks who need this benefit.

### Name: Reviewer: *dtypes object*

\*\*\*\*\* Cluster 3 \*\*\*\*\*

### Plot of Hand Cloud



Printing 4 random reviews from cluster 3

4658 Perfect tool for any musicians trying to make recording much easier at an affordable price.  
Easy to open plastic case, medium sized, durable (People have said that t

he plastic body feels cheap<br />and feels easy to break but it's not true. The Icicle's plastic body feels durable and won't break if<br />you're not clumsy with it or break it on purpose). I only wished that the "Gain Control" had numbers or indications<br />of levels so I can turn the knob to the correct position for recording and remember it instead of guessing all the time. Sound quality is FLAWLESS! No buzzing noises or anything picked up really...just nice crispy sound recorded through a good quality microphone is all I h

4685 We have a 9-pound Malte-Poo with dental "issues".  
  
We need to keep her chewing on something all the time so her teeth do not get too much plaque buildup.  
  
As soon as I opened the package and gave her one, she grabbed it in her mouth and took it to her spot where she likes to chew.  
  
And there it has stayed.  
  
I read the ingredients list:  
Beefhide  
Rice Flour  
Maltodextrins  
Dextrose  
Caramel Color  
Papain  
Artificial Peanut Butter Flavor  
Nothing too unusual.  
  
They are MADE IN MEXICO - so if you are sensitive to things made outside of the US, just a head's up.  
They are 1" around, and 3 1/2" long.  
There are (6) in the package.  
  
Hope this helps! =)  
  
UPDATE:  
Our dog will NOT touch these after her first attempt.  
Someone was gracious enough to comment on this post and tell me that their dog got SICK on them.  
We IMMEDIATELY threw the remainder in the garbage.  
  
I have DOWNGRADED the number of stars from 4 to 1.  
  
PLEASE DO NOT BUY THESE TREATS!!!!

4699 first this is what my Dad and i would eat in the mornings, so it's my comfort food, and my children who are adults now find it to be their comfort food too from their mom  
<br />so that's cool<br />my recipe is: in the bowl you are to eat from, put in 1 cup Kefir yogurt (i use vanilla or blueberry or what ever yogurt is your favorite) and then some blueberries or bananas<br />Peacefully stir cream of wheat until it's at the desired consistency (i like mine on the thicker side)sometimes cooking it in milk makes it even more dreamier<br />pour into waiting bowl stir together and YUM<br />frozen blueberries will thaw immediately other frozen fruit take out the night before<br />All is well in the world when the day begins with Cream of Wheat :)<br />Peace and Grace<br />m

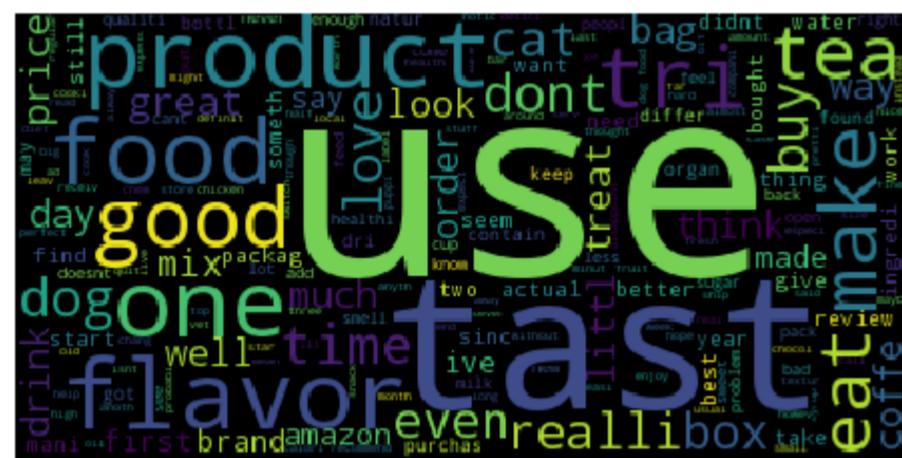
4722 I would agree with most reviewers that this is not the mix I'd use for delicious cupcakes or cake, but it did have a great flavor... a bit like the sweet cornbread others have mentioned... but not dry like cornbread can tend to be. I decided to follow another reviewer's recommendation and use it for berry shortcake and it was incredible. I baked it in two round cake pans so it made it thinner, sliced it like you would a pizza, made some fresh whipped cream and then topped it with fresh strawberries and raspberries from the garden. It was delicious and my non-gf friends LOVED it! When I'm craving shortcake and feel too lazy to create my own recipe, this will be my goto! :)

4818 I have been waiting for a packaged soft cookie that can recreate the melted yumminess of chocolate chips in a fresh baked cookie. Nabisco has mastered the art of creating melted chips with each bite, but that is as far as it goes. The overall goodness of this cookie is lacking- it tastes like a packaged cookie. Its softness fools you into thinking fresh baked, yet when you take a bite, you are quickly reminded of the preservatives that must be contained in each cookie. The cookie is not at all the size represented on the packaging. It is considerably smaller. Once you pick one up to eat, it crumbles into several pieces. Basically, it falls apart before you can even take a bite. The packaging does contain a freshness seal so that after you open the pack, you will be able to reseal to ensure freshness. This cookie is getting two stars simply because I love the concept of melted chips in a packaged cookie but I think the title "Chewy" is a bit of a stretch. The more appropriate title would be CCCCC-Crumblly Chocolate Chip Cookies!

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 4 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 4

5137 I bought this product for my Yorkie and was so disappointed. First of all, they completely stink. Second, the sticks are so hard that you have to cut them for a smaller breed with a good quality steak knife (I used my high end stainless Henkles knives and it took some effort). My puppy (7 1/2 months) has torn through extra durable Nyla bones and is a VERY TOUGH chewer, so I was looking for something he can "play with" and eat which wasn't synthetic. He didn't know what to do with it even though he seemed to like it as a toy for a minute or two. But, the smell was overwhelming to me. I will donate them to a local rescue. Interestingly enough, I also bought him other Get Naked treats and he didn't care for them either. Perhaps he just doesn't like this brand. He does love Blue Buffalo treats, Wellness Puppy treats (they also stink, but in a bearable/pate kind of way!) and S oJo's too!

5154 Be prepared for enormous amounts of agitation, frustration, and RAGE if you buy anything from Prepared Pantry and you want to phone them. I have been trying for HOURS to find a service number. I bought a bread mix. It said that although it is for a bread machine, can also be used without a machine. HOWEVER, the only instructions were for a machine, and very dictatorial: e.g. water must be x degrees, use a thermometer to assure accuracy. Not one word about using the mix without a stupid machine. All I wanted to do was find out how to use the mix so it could be baked in a normal oven. I have given up but will never again buy anything from Prepared Pantry.<br />charles g.

5180 I actually had bad effects using this tea. I was given it by a friend and was unaware of its medicinal properties (so was my friend, fyi). Within 15 minutes I was starting to get paranoid and less socially apt, and started to feel distant from everything which was going on. Before long, I was also tending towards depression (which I've experienced before while on birth control, so I caught the signs of it). I also felt like fainting at a few points. The effects did go away within about 5 hours. This was after drinking only a quarter of a mug of it.  
These are actually the same reactions I had to two different varieties of the birth control pill. So, if you've reacted badly to birth control, be warned that you may also react badly to this tea. Or, you may be lucky in that it will not affect you. Take care if you do try it, and good luck!

5189 So I just received my 2 bottles of this stuff... I looked at the ingredients list... you will not believe what I read....  
So the first 4 ingredients that Amazon list for this are: "Red Raspberry Puree, Blackberry Puree, Beet Sugar, Tea Infusion"  
Sounds good right? Yes, that is why I bought it because the first 2 ingredients are fruit puree.  
So this is what the first 4 ingredients on the actual package are:  
"INGREDIENTS: SUGAR, WATER, SEEDLESS BLACKBERRY PUREE, SEEDLESS RED RASPBERRY PUREE"  
guess what the 5th ingredient is? "NATURAL AND ARTIFICIAL FLAVORS"  
some other ingredients on my packaging that aren't listed on Amazon are "CELLULOSE GUM, MALIC ACID, POTASSIUM SORBATE, CARRAGEENAN, GUAR GUM, XANTHAN GUM, RED #40 AND BLUE #1"  
Hold on a second!!! That is a HUGE difference, I thought I was buying a product that was mostly puree with some "beet sugar" to sweeten it but instead I bought 2 large bottles of Sugar with water in it and a small amount of fruit puree added, and then artificial flavoring! Bait and switch technique for sure! Amazon.... why????

5266 I have an 8 year old and a 2 year old. They are both very finicky and get bored with food easily. If they don't like a food, they just lick up the gravy and the rest dries out, so the leftovers go outside for the feral cats. I'm always on the search for new things to let them try. Now that one of my cats is getting older, I'm getting proactive about his urinary tract health so I was happy to find the variety of Friskies Senior cannned cat food here on Amazon. This flavor is their favorite, they lick their plate clean. It has c hunks that are small enough for my older cat to eat (he has some missing teeth, I took him in as a stray) and plenty of gravy which both of them love. I like that when I open the c an it smells like real meat instead of stinky mystery meat by products. This food ( any flavor) is a great deal on this site. Friskies runs about 50 cents a can when it's on sale a t the grocery store, and with Super Saver Shipping I come out almost equal and don't have to wait for sales to stock up. There are also so many flavors available here that aren't i n stores. My furry friends are happy, so I'm happy.

Name: Reviews, dtype: object

----- When number of clusters is 10 -----

Creating a dataframe with Reviews, Cleaned text and Clusters..  
Dataframe is created!

The number of reviews in each cluster is

The number	
9	8219
8	463
6	401
0	276
1	268

```
2    160  
5    112  
7    99  
4     1  
3     1  
Name: Clusters, dtype: int64
```

The number of Medoids formed are 10

Like the previous reviewer, I was looking for a formula supplement and this was the only brand my child would tolerate. He couldn't digest any milk-based formula, any lactose-free, or any other brand of soy (name brand or generic). After trying half a dozen other formulas, we're devoted to Nestle soy. I also second the Walmart recommendation for savings. Have

This tea barely has any taste. It requires two to three times the typical amount of loose leaves to brew a cup. Even so, the result is something that barely tastes like tea, and certainly not like Earl Grey.

These were definitely not from England. Arabic written all over it. These are most likely the ones imported from the factory in India. While they tasted good, they were not very fresh. Would not buy from this seller again.

[Nabisco Snack Wells Creme Sandwich Cookies 1.7 oz. \(Pack of 12\) 20.4 oz. net](http://www.amazon.com/gp/product/B0005X0QZC)

I purchased these cookies in the store several times and thought they were a great alternative to other indulgences. When I saw them on Amazon, I thought it would be a super savings. However, these cookies must be fresh, or they are simply not worth eating. The photo above is a very good sample of some very old and dried out cookies. When they were received in fresh condition, they were excellent, with soft moist cake and marshmallow and a chocolate coating that was a solid, shiny dark brown. In this photo above you can see a very dried out product with an old and pale, discolored coating. I ordered 3 separate times, 1st box was "great" other two were not even edible. 1 FOR 3 MAKES THEM A VERY POOR VALUE.

[Nabisco Snack Wells Creme Sandwich Cookies 1.7 oz. \(Pack of 12\) 20.4 oz. net](http://www.amazon.com/gp/product/B0005X0QZC)

I used this once. It works. My hair is stronger, slightly darker and softer. My concern is what is in this product? What types of chemicals or pesticides were sprayed on the herbs? How pure is the oil? The product does not have an herbal scent but rather a chemical smell. What is in this? I worry because the scalp absorbs products readily and these things end up in your bloodstream...that includes any hair dye and shampoos you use. The ingredients are especially important here because we are supposed to leave this on overnight thus giving the scalp a lot of exposure to some unknown ingredients. Keep in mind that the chemicals and pesticides that were banned in the US years ago are shipped to third world nations and frequently re-imported into this country via these types of products. I don't know what is in this and it may be great but I am concerned about the smell...it is not a natural scent.

I really really wanted these to work for my adopted 8lb pom - adorable 11 yr senior. Didn't even last for 2 city blocks. The toe area started to shred - and no, he doesn't have long nails at all. I need shoes to protect his nails - he tends to drag his front paw and vet recommended boots. So if anyone out there has a suggestion, would greatly appreciate it!

First impression is that it is very runny. Infact, some splashed on the floor when I opened the jar. I called the dog over to lick it up and he turned his nose up to it. This is a dog that eats anything. Should have known that was a bad sign. The only way I can describe it is that it taste like chemicals. Total waste of money!

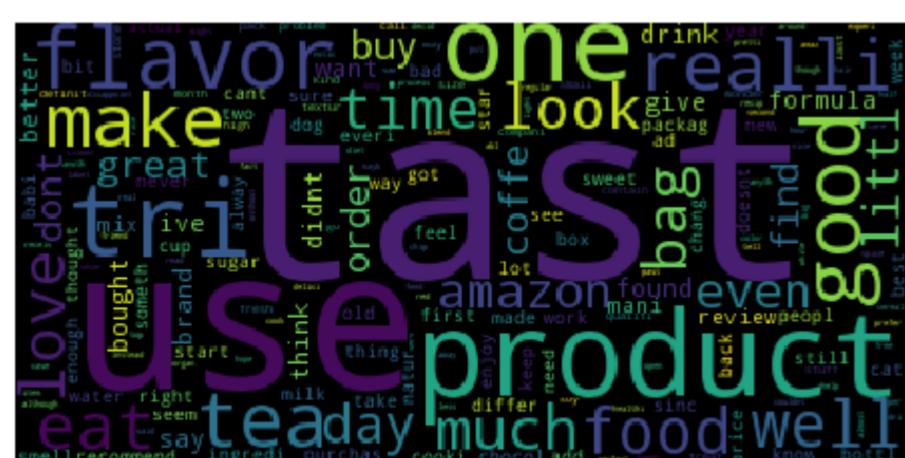
We used Tony Chachere's Creole Butter Marinade on a turkey breast. It was simply delicious! The smell that came from the oven as the turkey was roasting was simply intoxicating! Then once the turkey was done and we allowed it to rest before we served it. It was hands down one of the juiciest, flavorful pieces of meat that I've ever eaten! Tony Chachere's Creole Butter Marinade is definitely worth the money! I cant wait to try other products from his line!

I found this on a cruise ship and could not find it in my homestate - MA. It is the best tasting lemon tea I've ever had!

This are hard to find and my daughter loves them so I ordered them on Amazon. She was very happy with this order.

## \*\*\*\*\* Cluster 9 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 0

Printing 4 random reviews from cluster 0

5860 This is a Divine Energy \$windle. The placebo effect may work fine if you hypnotize easily.  
The "science", upon which Mr. Trivedi's whole foundation is based, was invalidated.  
Selling water "Infused with Divine Energy" and claiming it is better for you  
because it is changed at a molecular level, for the purpose of charging an inflated price,  
when in fact it is not changed in any way, is a violation of U. S. commerce regulations.  
The supporting "research" is paid for by the Trivedi foundation at inflated prices  
from financially desperate sources. Tobacco companies use the same trick.  
[...] In my opinion Mr. Trivedi has, "A Beautiful Mind (2001)." [...] ]

5878 "Blends smooth and creamy for a sweet tasting protein" is in the item description. I don't know who wrote this but they must not have ever smelled or tasted this stuff! Based on the description, I purchased a few of these bags. They come vacuum sealed. The color of the powder is a light olive green. The taste is a combination of powdered sawdust, wheatgrass and every dark green health food store drink you've ever had. The only reason it gave it a star at all is well, there's no choice for zero, and it probably does have decent nutritional properties. But while forcing myself to drink this stuff, I got flashbacks from 3 years old when I was forced to eat spinach. The good news is Amazon refunded the cost of the purchase even though it's a "non-refundable" product. You have to call them to do it. They didn't even want me to send back the unopened bags! But I really want to return them. It seems a shame to have to throw them away.

5879 I don't know why I didn't try this stuff years ago. Yummy? Yes. Spicy? MMMMMmmmm, yes. Yummy, in a spicy, 'ohhhhhh' kind of way.  
At first, I could only use a dab (it's got a whang to it, to be sure), but the more I use it - the more I use.  
I've started eating this stuff on everything; hamburgers, chicken dishes, pasta, brea

ds, and even stuff I wouldn't normally put a "hot sauce" on before.  
  
It is spicy, garlicky (is that a word?) heaven.  
  
I wish they made a travel size; I'd love to take it with me everywhere we go to eat. Guess I need to break out The Big Purse!  
  
(Please note; you can get this at your local grocery store for a much better price)

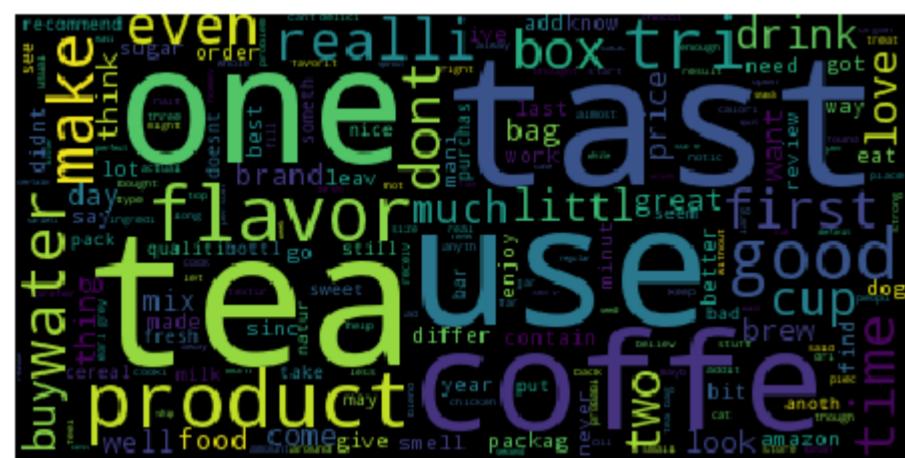
6006 If you are connected to your inner guidance you don't need to read these reviews. Just check within yourself and ask if this water is right for you. If you do not feel you can get a clear answer within yourself you might want to try the Trivedi products as they have helped many people, myself included, to be able to more clearly get our own answers and guidance. What a gift! I have been waiting for the Trivedi water to be more accessible and will be ordering ASAP.I have been using the Trivedi probiotic Shanti for a little more than a week now and find myself to be more peaceful quiet.This allows me to hear my inner guidance even better. If you try the water and other products pay attention not only to "outside" changes but also to the changes in your "inner world".

6013 I love Smores, the combination of chocolate, marshmallows and graham crackers are outstanding. I also love Emerald nuts, so when I saw this at my local grocer, I had to try them. Right away, the biggest problem with this snack is the marshmallows, if you can even call them that. The marshmallows look like erasers from a pencil, and they are as hard as a rock. I am not exaggerating, I nearly broke a tooth the first time I tried to bite one. Are they stale? Expiration date says September of 2012. I am not sure, maybe I got a bad package of these. I am hesitant to buy another box. The rest of the snack mix is fine, the cocoa walnuts, honey roasted peanuts, m&ms, graham chunks and oat clusters all tasted as they should. But the most important part of the "smores", the marshmallows, was a major letdown.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

5461 Well, it's green. Sort of an electric tree frog green. And opaque. In fact, it looks a lot like bottled margarita mix. And that's pretty much what it tastes like. If you like the taste of low cal margarita mix, you'll probably enjoy this mocktail mix. If you prefer your margaritas with a little more crisp lime-y bite, give this one a pass. I tried it mixed with water and served over ice. Maybe try mixing it with ice in a blender? I'm too lazy to get the blender out for a quick drink and always drink my Margaritas on the rocks.  
  
I have also tried the Target 5-calorie Market Pantry on-the-go drink mix in Lime Margarita. It's more transparent (which seems less disturbing somehow) and comes with recipe enhancers right on the box. For example, add fresh lime juice. There's even a recipe for a full fledged Margarita.  
  
In comparison, I found the Crystal Light lacking: too artificial tasting with a less than appealing color.  
  
PS. For my second batch, I added 1/2 cup of fresh lime juice. I thought that helped, but the only way my husband would drink it was if he dumped in a bunch of grenadine. Also, when the pitcher was empty I noticed that the product left behind a noticeable chalky white substance on the bottom of the pitcher. We won't be finishing off the rest of the mix.

5483 Ok, so let's get one thing straight. I'm addicted to coffee, but it has to be good coffee or I'll wish doom and gloom on all that cross my path. Nothing is more disappointing than going into your kitchen and realizing there is nothing really good to brew in your Keurig. I have turned into a hoarder of delicious extra bold k-cups. Lord help me if I ever run out of this stuff. Dark Magic is aptly named and eagerly consumed many times before 5AM. When you get up that early, you need great coffee.  
  
Now let's address rising prices. I recommend searching daily for your favorite k-cups because the prices are getting ridiculous. I picked up 24 of these for a little over 15 dollars. Yep that is expensive, but the 50 count when averaged out was even more. Coffee is much like stocks, buy low!  
  
Please please please, never ever change this brew! It is dark and unctuous on your tongue, it leaves this smokey afterglow in your throat and all around satisfies a person in the morning. There are not enough adjectives to tell you how good this stuff is... so I won't try.

5497 I drink this nearly every day, and have been for at least 5 years! I'm not a fan of many chai teas, and have found no other brand to compare to this! This blend has a perfect, deliciously sweet and spicy aroma (from coconut, which is subtle, and cinnamon, ginger, cardamom cloves, nutmeg, and black pepper), and full-bodied flavor incredibly without bitterness. I don't find the taste to be too spicy or too sweet, though I think it's a rare breed in that it doesn't require sweetening. I've shared this tea with many people, and there was only 1 who said she didn't care for it, which was simply due to her literal tastebuds. As a sidenote, the most 2 recent tins I've bought at my supermarket in September 2011 (that have best by dates of Feb. 2014) taste and smell markedly different than older tins, reminding me of vinegar or something sour. I e-mailed Zhena's Gypsy Tea asking whether they had changed the makeup or concoction of this blend, and they thankfully said no, so they must have been bad batches, which I've never before experienced!

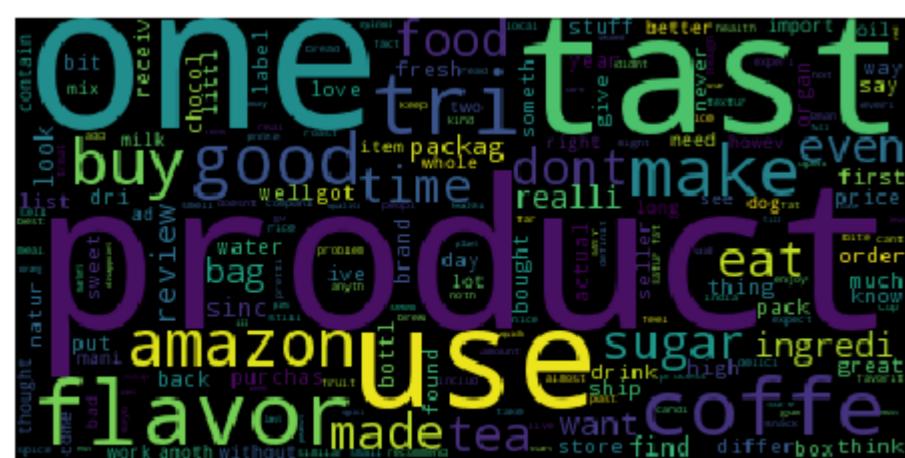
5555 I've been a fan of this product for about 12 years now....it is easy, fast, healthy and delicious....but I have to gripe about the price.....less than ten years ago it was about \$23 a case (shipped) now it's over \$33  
  
Soon I'm going to stop buying it (like I have with so many other products) because they are (unjustifiably) raising the prices exponentially on a simple dried soy protein product. Realistically, it should be about \$1 per box.  
  
America will pull out of this recession when we finally figure out that sticking it to ANOTHER American is not going to help pull us out of your financial problems, and when we decide NOT to stick it to the next guy to recover our losses  
  
Having said that, I still eat this product, but the price hike turned me off bigtime  
If I see it go up one more time, I will add it to my list of gouger companies, and never buy it again.  
At that point it will be cheaper to make my own.

5599 We have previously had Davidson's English Breakfast tea and stored it in a plastic clear container. We bought the Davidson's Earl Grey tea and within 3 days the clear plastic container has been chemically etched where the tea had touched it. The container ultimately became totally opaque and now permanently shows where the tea level was. The tea tastes good but one has to ask 'Is this good for you?' - I doubt it and will not be buying the Earl Grey again.  
I have since been in contact with Davidson's. They believe that the oils in Earl Grey may be the culprit (never heard of oils affecting plastic before!). I have since sent them the container and they have sent it to their management for review. Davidson's have also said they are going to send me a glass container in return.

Name: Reviews dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

5097 Plant showed up about a week after ordering and was covered in a white fungus or mold.. I don't know what to do about it and I don't want to put it near my other plants. I bought it from 9greenbox and I contacted them but am waiting to hear back from them.. The tree does not look like the photo at all and is in a pot that seems way too small for

K means and K medoids on Amazon food reviews  
the tree. The tree seems rather weak looking in terms of health and beauty.. I was looking forward to it and was hoping I would get the brussels tree from brussels because the last bonsai I had bought was actually from them and was a great plant.. Do not buy from this seller if you are looking to get the brussels tree..

5154 Be prepared for enormous amounts of agitation, frustration, and RAGE if you buy anything from Prepared Pantry and you want to phone them. I have been trying for HOURS to find a service number. I bought a bread mix. It said that although it is for a bread machine, can also be used without a machine. HOWEVER, the only instructions were for a machine, and very dictatorial: e.g. water must be x degrees, use a thermometer to assure accuracy. Not one word about using the mix without a stupid machine. All I wanted to do was find out how to use the mix so it could be baked in a normal oven. I have given up but will never again buy anything from Prepared Pantry.  
charles g.

5185 As far as I know Motts and Welchs are the only companies that make 100% juice bars with no added sugar and other bad junk like artificial flavors and sweeteners. Our kids dont need the fake stuff, its bad for them so I give a BIG thumbs up to Motts for making these yummy ice pops :) I just wish they weren't so hard to find, I would love for stores to sell them but I guess most parents dont care and will fill their kids with all the unhealthy fake crap out there without a care in the world. Thank you FIT YOUR BUDGET for selling these in your store!!!!

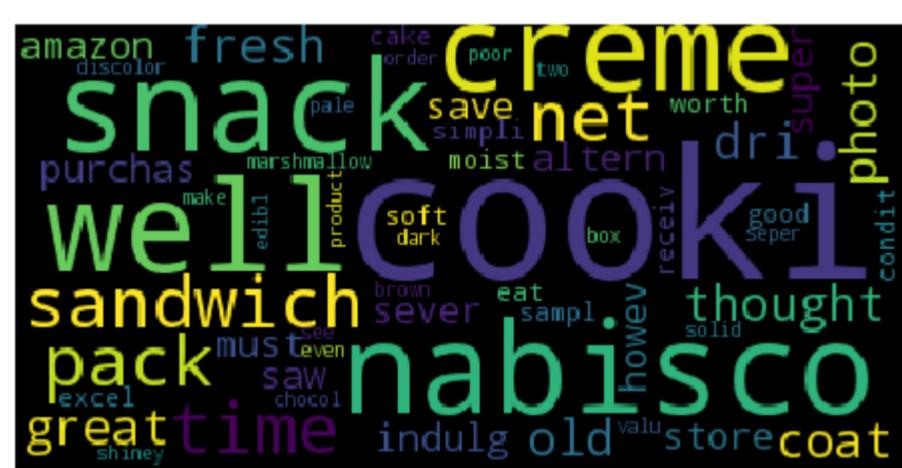
5307 I've been a coffee snob since the mid '80s. I've done all but roast my own, and was preparing to try that. However, my stomach is no longer into my deep and abiding love for really good coffee. After I tried to stick with just tea for a couple of years, a friend from England convinced me that instant coffee is worth at least a taste. Gasp! I ordered some Nescafe Gold, on his recommendation, and it was actually... good. Really good. After happily drinking it for as long as my pocketbook would allow (those pesky import costs), I found this Douwe Egberts Pure Gold, here on Amazon. I'm not sure I'll go back! It's lovely! I drink it hot, and also cold in the summer time. I pour about a 1/4 cup of cold water into the grounds and let them sit for a few minutes, give it a quick stir (it even foams a little), and then I add milk to fill the glass, and a little evaporated cane juice. Although I still enjoy a good latte, made RIGHT... for daily drinking, I don't think I'll go back to home ground and brewed coffee. Just don't tell anyone. ;)

5317 As other people have stated, you will not receive this product, you will receive "React 2" - a different flavor! I love this gum, I chew it all the time and thought I was so clever buying it online in bulk since stores seem to only carry it some of the time. But I was disappointed to open my package and find a box full of packs of the wrong flavor. I understand that the packaging and name are very similar, but really Amazon? Doesn't it fall under false advertising to order one product and receive another, especially when React 2 has its own product page? I guess I won't order Wheat Thins on Amazon for fear of receiving Triscuits instead...<br /><br />What this isn't, yet what you will receive: <a href="<http://www.amazon.com/gp/product/B003YZ4LN0>">Wrigley's Gum 5 - React Fruit 2, 1.76-Ounce Packages (Pack of 10)</a>

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



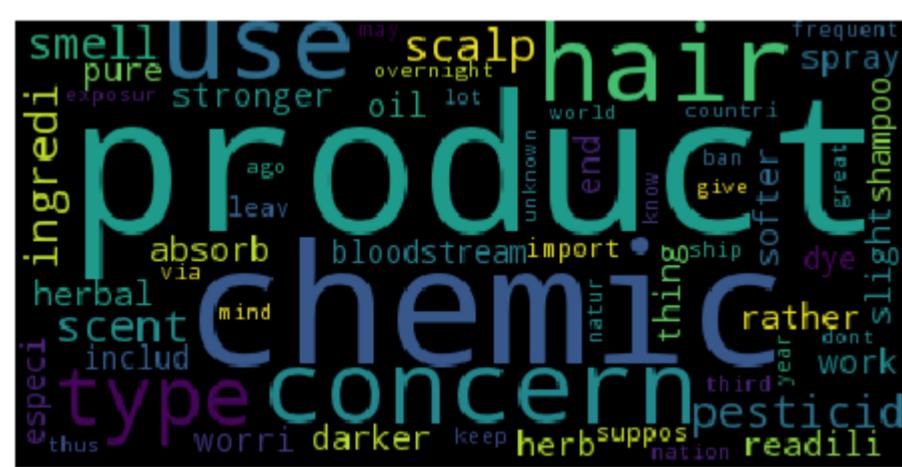
Printing random reviews from cluster 3

2727 <a href="http://www.amazon.com/gp/product/B0005X0QZC">Nabisco Snack Wells Creme Sandwich Cookies 1.7 oz. (Pack of 12) 20.4 oz. net</a><br />I purchased these cookies in the store several times and thought they were a great alternative to other indulgences. When I saw them on Amazon, I thought it would be a super savings. However, these cookies must be fresh, or they are simply not worth eating. The photo above is a very good sample of some very old and dried out cookies. When they were received in fresh condition, they were excellent, with soft moist cake and marshmallow and a chocolate coating that was a solid, shiny dark brown. In this photo above you can see a very dried out product with an old and pale, discolored coating. I ordered 3 separate times, 1st box was "great" other two were not even edible. 1 FOR 3 MAKES THEM A VERY POOR VALUE.<a href="http://www.amazon.com/gp/product/B0005X0QZC">Nabisco Snack Wells Creme Sandwich Cookies 1.7 oz. (Pack of 12) 20.4 oz. net</a>

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

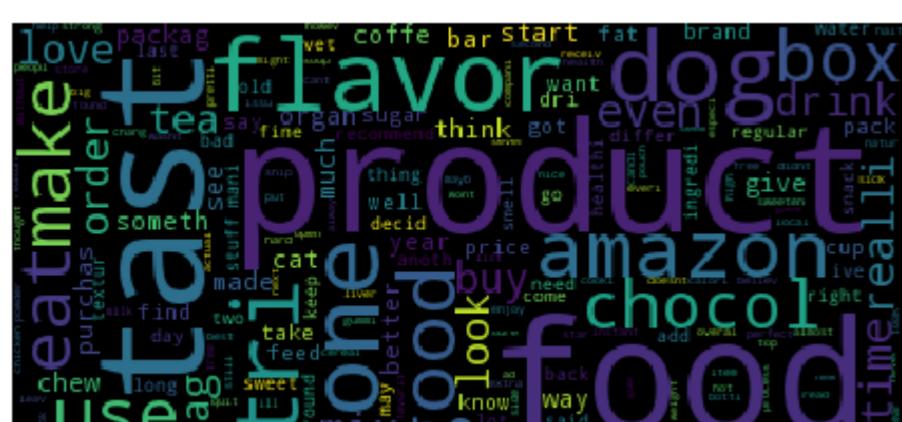
## Plot of Word Cloud



Printing random reviews from cluster 4

3777 I used this once. It works. My hair is stronger, slightly darker and softer. My concern is what is in this product? What types of chemicals or pesticides were sprayed on the herbs? How pure is the oil? The product does not have an herbal scent but rather a chemical smell. What is in this? I worry because the scalp absorbs products readily and these things end up in your bloodstream....that includes any hair dye and shampoos you use. The ingredients are especially important here because we are supposed to leave this on overnight thus giving the scalp a lot of exposure to some unknown ingredients. Keep in mind that the chemicals and pesticides that were banned in the US years ago are shipped to third world nations and frequently re-imported into this country via these types of products. I don't know what is in this and it may be great but I am concerned about the smell...it is not a natural scent.

Name: Reviews, dtype: object



Printing 4 random reviews from cluster 5

4431 Even though I suspect this is ground up beef bouillion it does not matter as it works in a superior way to season grilled steaks on a barbecue. I fully coat the meat and sear at high temps to create a savory crust. I have never found its equal and do not enjoy most premade seasonings for grilling, however this is an exception. It is also a rare exception to my rule that any ingredient list that reads like a chemical factory was needed to make it should not be eaten. This seasoning only really works well when cooking on the broiler or barbecue, do not bother if frying in a pan, it is not the same. Buon appetito

4438 The day I made a mistake and started feeding her you'd think was a Fancy Feast addict and would start jonesing for her Fancy Feast dinner fix. She knows somehow when it is time and becomes insufferable until I open the can. Then she starts meowing like crazy as if she were starving her.  
She has thrived on this stuff. Her coat is very soft and shiny and she is very frisky for an older cat. In cat years she is middle aged.  
I may have to start buying in bulk to save money right now I subscribe to 3 different ones over a three month period but will be adding one soon for variety. I figured it out and if you subscribe it is cheaper than Sam's club warehouse.

4584 I had been looking for Kadota figs which my husband had enjoyed in his earlier years and thought this would be the perfect surprise for him. The surprise ended up being on me as I received the can of figs in a box in perfect condition, but the can had a deep dent right in the middle. Upon opening it, the figs were a mushy mess in a brown liquid, and entirely disgusting. My husband threw it in the trash and told me to never order online again. AS THE BOX WAS IN PERFECT CONDITION, BUT THE CAN SEVERLY DENTED, IT WAS PACKAGED BY SOMEONE IN THIS CONDITION, AND SHAME ON THEM. A LESSON TO BE LEARNED, DON'T BUY FOOD ON LINE. I AM ASHAMED THAT SOMETHING COMING FROM THE AMAZON NAME WAS IN SUCH A DEPLORABLE STATE. UNFORTUNATELY I DID NOT HAVE THE PRODUCT TO RETURN.

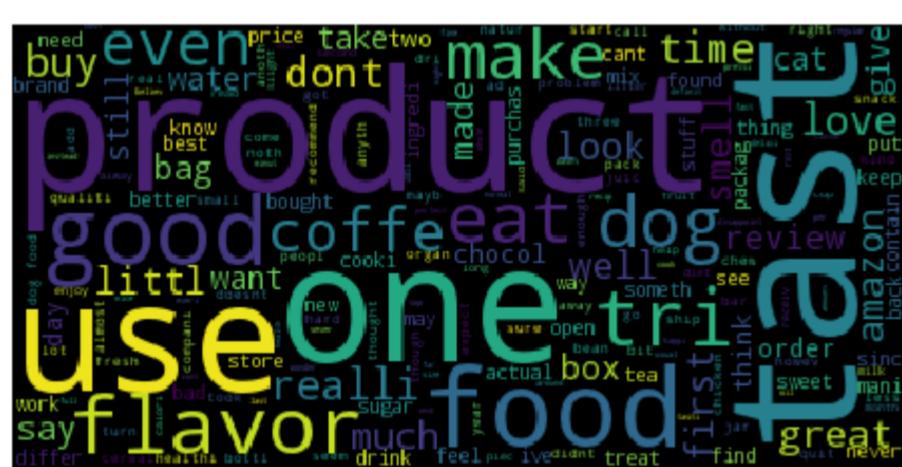
4717 Something is definitely wrong with vita coco's boxes. Two of them leaked enough to soak the cardboard boxes they came in. I checked and it appears to be something wrong with their peel back seals rather than the boxes themselves and I will be calling the company so they can address their faulty packaging since it's not Amazon. The drink itself is better than a few that I've tried thus far. I mix them with protein powder after the gym or sip them on their own. Very tasty. Better than Zico which tasted strange to me.  
  
If you order it and get a pack that leaks, call the company and complain. They need to know from anyone who has a leaking product that their product is faulty. It's not amazon as the foil seal on the boxes wasn't secure. In fact, I'll be raising issues of product tampering as a safety issue.  
  
The drink itself is great. The packaging not so much.

4770 The Chips Ahoy! Chewy Gooey Chocofudge along with their cousins, the [Chips Ahoy! Chewy Gooey Megafudge, 10-Ounce \(Pack of 4\)](http://www.amazon.com/gp/product/B004U49QU2) have been a disappointment. There is something off with the taste. It tastes flat and overprocessed, and on top of that each cookie is 75 calories. These are fairly small cookies, around 2 inches in diameter.  
Too bad because the description sounded promising. These Chocofudge actually taste slightly better than the Megafudge, perhaps because they have less of the uninspiring fudgeness.  
They arrive in a package that opens and reseals at the top. The cookies are arranged in three rows of six cookies each.  
They get 2.5 stars for the taste, but 75 calories for a 2-inch cookie drops them down to 2 stars.  
If I had to choose between these Chewy Gooey and the regular Chips Ahoy cookies, I would definitely go with the regular tried and true Chips Ahoy's.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 6 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 6

5041 Whatever this is, it is NOT 100% coconut oil. I contacted Tropical Traditions, and they said region, and method of preparation can cause variations in taste. However I have been using coconut oil for years and this oil does not behave like any other coconut oil on the planet. It "solidifies" CLEAR!?? instead of white and has almost no smell, whereas ALL 100% coconut oil is completely white when "solid", and definitely smells like coconut. I was very tempted to send this out to a lab to see exactly what the product in the glass jar was, because I am POSITIVE that this is NOT 100% pure coconut oil. My advice see Coconut Oil expert Bruce Fife's article "How Do You Identify a Good Quality Coconut Oil?" before purchasing. [...]

5044 Amended amendment: Now it's back and shipped by amazon ... I cannot keep up with the changes!!  
Amended review: BEWARE!!! The product has gone up in price from \$5.99 to 72.99 because Amazon no longer sells it directly and you get shuffled off to other sellers. Can not use Prime for free shipping either. Guess I'm going to have to find a local store now ... if one can be found. I find this quite unfair of Amazon to drop a product without notification to its customers. I dropped its rating to reflect the poor policy decision not the quality of the product.  
The most important consideration is answered in the title. It is a premium food with all healthy ingredients and comes packaged in a heavy (thick) plastic bag rather than in paper. Maddie likes it; what more can I want in a dog food that is good for her health and well-being.

5050 Nestle Media Crema, I like this Can, the cream looks like a thicker sour cream a little more liquid and curdle, it is used in many Latin American Recipes. It took me for years to figure out why the Custard Flan tasted so good, it is because of a secret ingredient, Nestle Media Crema, just an 8 ounce can, along with the other ingredients and you'll have the best Custard "Flan" my favorite. It is a little pricey here, because of the shipping charges, however, they bring it straight to your front door, you don't have to drive all over town looking for it ... I just love the convenience. Thank You

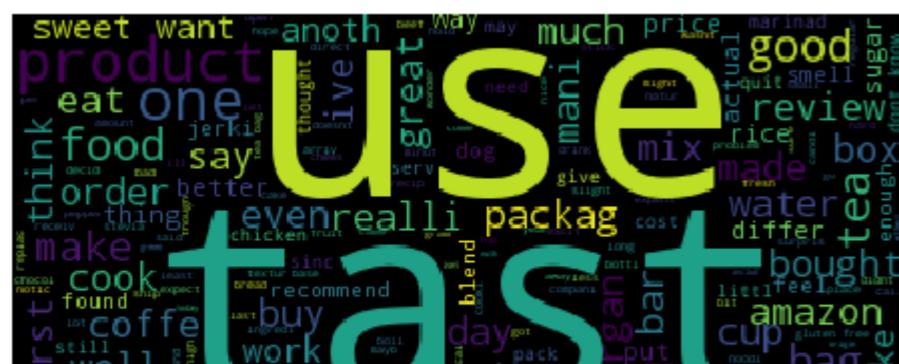
5102 I'm happy to report that Amazon found out what happened to my order and my Yummy Earth pops were waiting at the door for me. I received 320 pops and my flavors seemed to be exact @ 40 of each of the following flavors. Cherry, Grape, Sour Apple, Pomegranate, Strawberry, Blueberry, Watermelon and Mango.  
I did not receive some of the flavors mentioned by a few other reviewers such as Lemon, Ginger, blood Orange and another one something...Cocktail. So far I've tried both the Cherry and Sour apple and I think they are very good.

5114 I threw out the Natural Balance dog food I had on hand (both the vegetarian and bison/sweet potato formulas) and won't be buying any more after reading complaints on Consumer Affairs.com website regarding pets that died after eating tainted Natural Balance. A very disturbing aspect is that the company did not recall any of their pet food or even admit the problem even though they were notified multiple pets died or became very ill (with similar symptoms) quite suddenly and soon after eating the product. No more Natural Balance for my dog.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 7 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 7

4857 \$16.80 + \$11.10 shipping = \$4.65 each.  
Price at local Lucky market: \$2.39 each, no tax.  
I like this one primarily for the "kick" it gets from the tiny little packet of chili oil that's included.  
Safeway tends to replace this soup with its inferior house brand (about half the "bite" of the chili oil)...they sell it at half the price, but if it's not what you want, it's not a bargain...is it?  
So I do want to stress that this is a superior, 5-star product...I love it, I eat it almost daily, I make special trips to buy it, and I often empty Luck's shelves, then go back after they've re-stocked. I am self-employed, I work from home, and MANY times this has "filled the hole" till I can finish what I'm doing and cook a more substantial meal.  
It is somewhat "healthier" than the standard ramen / cup 'o' noodles product: 2.5 grams fat (4% daily allowance), Sat Fat 2.5 grams (3%), Trans Fat (0 grams), Sodium (47%)...so maybe a healthier option is to eat all of the noodles but leave some of the broth.  
I just can't, in good conscience, encourage you to pay almost double the cost of what you'd pay in a local market.

4905 Lundberg Jubilee is a blend of sweet brown rice, short and long grain brown rice and colorful red and black whole grain Wehani and Japonica rice varieties which are also very round and short-grained. This product looks very pretty in the package and cooks up nicely.  
  
However, I bought this rice as a rice to eat with stir fry dishes and, in that capacity, I developed the opinion that this product doesn't have the amazingly appealing scent and texture that the Lundberg long grain rice has on its own.  
  
I will try cooking some rice salads with this Jubilee rice blend because, as some of the other reviews have pointed out, that's probably a good way to put this rice to its best use.  
  
From using this product, I have learned that for use as a side dish with chicken, stir-fry, etc. I think that long grain rice is a preferable choice.

4915 This is the cinnamon I grew up with, the milder version in UK desserts & curries. Great in oatmeal - no heat, just taste.  
Mine arrived very quickly in a ziplock bag, in another bag, in a mailing envelope. It didn't look like a pound until I transferred it into jars; this will last quite a while.  
As others have said, cinnamon verum is hard to find in the USA. A health newsletter told me verum is the healthy one to take, and that it tastes different from cassia. Online research told me it was the milder cinnamon I wanted, but I couldn't find it in supermarkets or even the local Indian food stores. I found it here, read the reviews, and Indus sounded like the best choice. It was the first of several items I ordered to arrive (3 days), and I have no reason to try any other brand. This is the stuff I was looking for.

4929 I purchased the Starbucks VIA iced coffee on a whim at my local Starbucks due to it being on sale. I love it. I was nervous about the taste at first because it's pre-sweetened and while I do like sugar in both my hot and cold coffee, I don't like the excessive amounts that Starbucks packs into its bottled Frappuccinos at the grocery store. The sugar content in those are outrageous. The sugar in these instant iced coffees I can take and I would say it's half as sweet as the Starbucks bottled Frappuccinos, but still may be too sweet for some.  
There's one oddity about the pre-measured amount. The directions say to add 16oz of water (and possibly ice), but most standard drinking glasses are just at (or slightly above) 16oz, so if you like milk or cream in your coffee you're going to have a hard time putting the amount you want without the glass overflowing. Perhaps I'm one of the few that drinks iced coffee with cream, maybe? I don't know, but it's annoying (lol). Not annoying enough to rate the product below 5 stars, though. Next time I may make a small pitcher of iced coffee by dumping several sticks in 48oz of water and then I don't have to worry about it. ;)

4947 "Pomegranate Licorice Twists" by "Newman's Own Organics"... WONDERFUL, GREAT TASTING! Nice, flexible 'almost' soft, very pliable. Sticks into one's teeth just like the others. MUCH BETTER than that red licorice found in that plastic tub offered by the BIG BOX discount stores. Your teeth can easily cut through this stuff; you don't have to twist it around nor risk ripping your teeth out when you take a 'chaw' out of it. WOW, I just ate 4 of these in one sitting! The Pomegranate flavor is REALLY flavorful - I wasn't expecting it (also available in Black, Strawberry, & Tangerine - I can't wait to get a hold of those, too). It is packaged as 'organic' - it has organic wheat flour, organic sugar, and organic tapioca syrup, with other suff.... 'certified organic by Oregon Tilth' even though it is made in Mexico - may be organic, but it tastes GREAT! I'm not a chemist so I don't know whether or not that 'improves' this treat's flavor or not, or even if it is any healthier -- but the strong, in-your-face, I can tell it's activating my taste buds -- Pomegranate flavor really works for me. My parents liked them, too. Good high quality flavor.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 8 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 8

4699 first this is what my Dad and i would eat in the mornings, so it's my comfort food, and my children who are adults now find it to be their comfort food too from their mom  
<br />so that's cool<br />my recipe is: in the bowl you are to eat from, put in 1 cup Kefir yogurt (i use vanilla or blueberry or what ever yogurt is your favorite) and then some blueberries or bananas<br />Peacefully stir cream of wheat until it's at the desired consistency (i like mine on the thicker side)sometimes cooking it in milk makes it even more dreamier<br />pour into waiting bowl stir together and YUM<br />frozen blueberries will thaw immedately other frozen fruit take out the night before<br />All is well in the world when the day begins with Cream of Wheat :)<br />Peace and Grace<br />m

4707 This is the best cat litter ever. It destroys odors better than any other cat litter I have used. When my friends come over to my house, they always tell me that you can't tell that I even have cats. There is no cat litter box odors lingering in the air. One of my friends said that her sister has a cat and you could always get a strong scent of the cat litter box when you would walk into her house. My friend asked me what cat litter I used so she could share with her sister. I told her it was scoop away plus crystals and that it was the best stuff. She shared the information with her sister. Her sister started using scoop away and she was so pleased that she uses nothing but scoop away. I know my cats love it and so do I. It clumps well and it has a nice fresh clean scent. You won't be sorry if you switch over from your present litter to scoop away. It's the best.

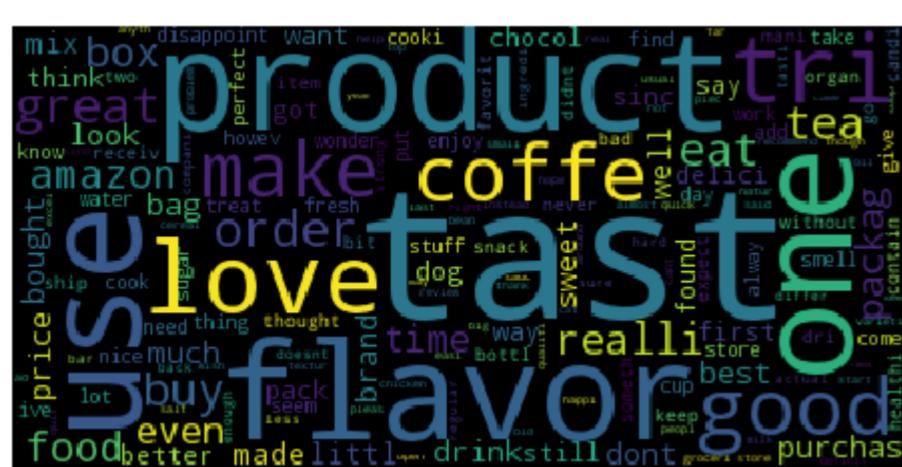
4740 I was on a cruise a few years back and bought a bottle of the Mexican Vanilla Totonacs in Cozumel. I have to admit that it was the best vanilla I have ever had. Used it for baking mostly. Finally running low and had been looking to replace it for about a year. Contacted the company directly and was told their export agent would contact me. Never heard anything. Decided to search web again and was surprised to see Amazon was now selling it.  
For those that have bought this brand in Mexico and are looking to buy more, this is not the same vanilla!! Might be same company but not nearly as good as the product I got in Cozumel. Much thinner and not as much flavor. I am sure the FDA has a lot to do with it. My rating above reflects this. For those that haven't tried the original, you might love this product. But if you have, you will be disappointed in this product as I was.

4755 I cannot believe how fast these people ship. This was my second order, and it arrived, if not overnight, then pretty darn close to it. I think they must work around the clock, since I've seen orders fulfilled and shipped on Sunday nights.  
  
The teas are also excellent, and a great bargain for anyone who drinks a lot of tea, as I do. I drink this as well as their Sushi Bar Style tea.  
  
While I'd rather the teabags came in a box, the bag packaging is convenient because there are 9 packets of half a dozen or so teabags, which are convenient for throwing in a purse or suitcase.

4758 And I've tried them all.  
  
Maybe its the anchovies. Who in their right mind but these radio clowns John Boy and Billy  
would put anchovies in barbecue sauce right! Well why not, most all good steak sauces and  
Worcestershire have anchovies, and you cant make a decent Caesar Salad without them either.  
  
What this sauce does to food is amazing. For ribs and chicken it just doesn't get any better.  
Not a real tomato taste like most mainstream BBQ sauce, and not a mustard flavor either like  
you will find in Florida and South Carolina. And although JB&B are in North Carolina, its not  
a traditional NC style sauce either and thank god for that cause NC BBQ is the  
most overhyped  
and overrated stuff I've ever had. So they went in a whole new direction with this recipe  
cause there's nothing else like it.  
  
I use it as a finishing sauce on the grill, or you can dilute it with beer or vinegar and use  
it for a marinade, even on steak. Its also great on rotisserie chicken and wings. If you want  
more heat get the Hot and Spicy version. Its even better.  
  
BTW, my favorite recipe is for ribs using Emeril's Rib Rub and John Boy and Billy's Grillin  
Sauce as a finisher. Great combination. Check the web for other more creative recipes like  
The Spammer (one can Spam, one bottle Grillin Sauce and an oven) haw haw

\*\*\*\*\* Cluster 9 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 9

5012 you can not buy this in omaha, ne. and i can not drive to new orleans for under 10 dollars what else can i say, it's good coffee

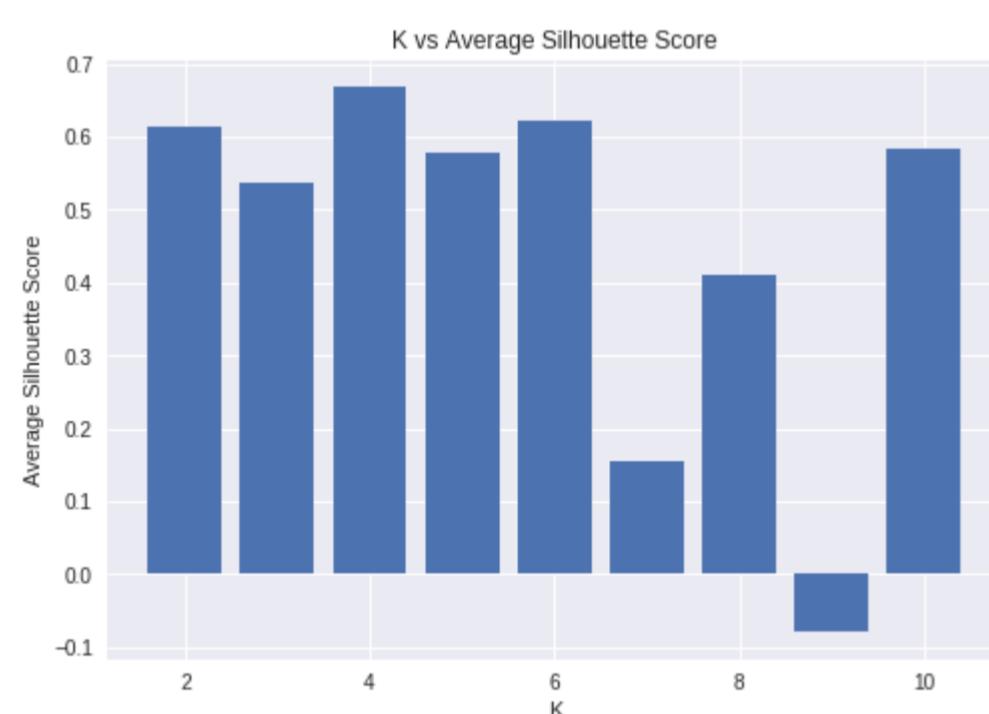
5013 This is supposed to be the best chocolate, I disagree and found Swiss Miss to be more superior.  
The seller first sent me the wrong order and put the blame on me, in which, was not the case, as proven by their follow up E receipt. Then it took them more then a month to fill my order.

5014 I only got to drink one cup of this to make this review, but I thought it tasted great. What I like about good coffee flavor is that earthy, rich coffee taste that comes from quality coffee and just being fresh brewed. I tested this right after the coffee maker had finished so it was as fresh as it could be. I like a little honey and fresh cream in mine and I was sad I only got to have just one cup. I had to share with others at home and they all liked it as well. I couldn't tell if anything tasted different since it is supposed to be low acid. It tasted like regular coffee to me.

5015 We really loved the first batch. The dried cherries tasted organic and fresh. So we ordered second box and found it was shipped from a different farm because the inner package was different. Their product was loaded with SUGAR and tasted artificial and cheap. We are very reluctant to purchase any more from this company because of the inconsistency of the product!

5017 I bought this to use as an easy staple to fix lunches for work, and it's the perfect size. I enjoyed the chewy texture and it was great since it only takes like a minute to heat up in the microwave which works when you have a short lunch like I do. I would definitely buy this again and I look forward to trying some of the other varieties.

Name: Reviews, dtype: object



```
The average Silhouette value of K = 2 is 0.6136800750022063
The average Silhouette value of K = 3 is 0.536459190656099
The average Silhouette value of K = 4 is 0.6673154156085879
The average Silhouette value of K = 5 is 0.5772327512233817
The average Silhouette value of K = 6 is 0.6226981606868719
The average Silhouette value of K = 7 is 0.15512934084243082
The average Silhouette value of K = 8 is 0.41036744638008366
The average Silhouette value of K = 9 is -0.07897795779378063
The average Silhouette value of K = 10 is 0.582341949843812
```

We can observe that  $K = 4$  has the highest average silhouette score of 0.6673154156085879.

The wordcloud and reviews for optimal K = 4 is plotted as follows.

Creating a dataframe with Reviews, Cleaned text and Clusters..  
Dataframe is created!

The number of reviews in each cluster is:

0 9332  
2 845

3 246  
2 236

2 236  
1 186

Name: Clusters, dtype: int64

The number of Medoids formed are 4

## Printing Medoid reviews

This one hand to find and my daughter loves them so I ordered them on Amazon. She was very happy with this order.

As a nutrition and lifestyle coach this is one of the "musts haves" for me and my clients. It is a wonderful source of protein and much better than any of the whey protein powders on the market - I use it in shakes and baking custards and marshmallows  
The amino acid profile is anti-inflammatory and compliments the inflammatory effects of all the muscle meats that people are eating today.

We have been using this product for over a year now and that should speak volumes because we are a popcorn loving bunch! The convenience of having everything measured and ready to go at a minute's notice is great. I have a popcorn machine in the media room and so we love to munch popcorn while watching movies.....we feel we are at a theater eating the "real deal". I will continue to purchase even though it isn't the most figure friendly popcorn....taste outweighs the waist....tee-he.

Do Matcha Organic Green Tea powder is perfect for my green smoothies. I use a 1/2 tablespoon, along with Vega Protein Powder. The smell and taste of the green tea is very clean, a nice "green tea" flavor-not bitter or chalky or heavy tasting. I've used the organic green tea for a year now, it's better than any other cheaper powder...you get what you pay for! The only minor down side is that, being a powder, it's a little tricky getting the foil bag opened without the powder ending up all over you and the floor! You won't be disappointed!

\*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 0

5002 this is the only food my dogs with sensitive stomachs could eat without spitting up. I was so relieved to find it and from all that I read, it gets great reviews across the board. the only draw back is that its not stocked in many local pet stores but now that i can buy it on line, that problem is settled.

5003 These carrots are so rich in color and I love being able to buy a case at a time and have them delivered to my door. Great taste, wonderful for soups and any other dish you would like to create. Cooking can be such fun and the color and taste of these carrots will add delight to any meal..

5004 Could make myself sick on these. IF you love licorice these are like being a kid in a candy store. Just fun, sweet, licorice goodness. Don't pull out a filling though. I keep mine mixed in the jar with the Good n Plenty kept in the fridge.  
I like 'em cold and they seem to be chewier this way.

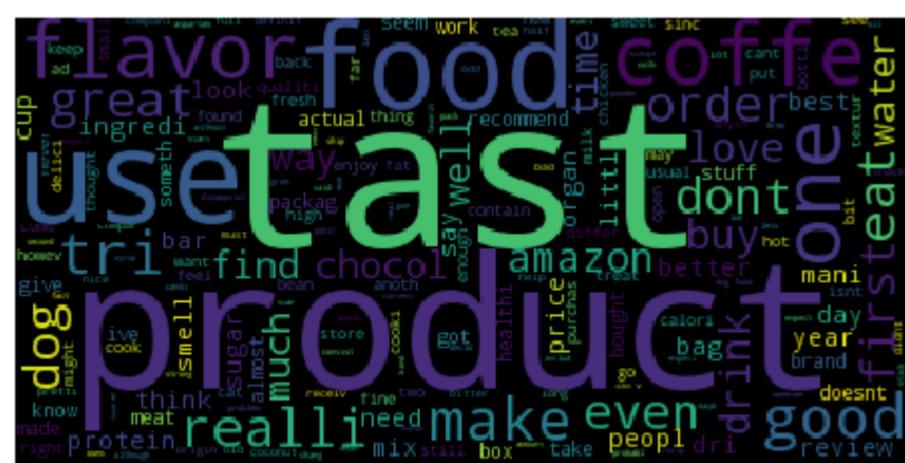
5005 this is a horrible price for fancy feast...paying over \$0.60 a can is terrible! better off going to Walmart or Target and spending \$0.50. it adds up.

5007 After watching a popular health show on TV recently, I decided to order cactus jelly for its health benefits. I did not find much flavor in it. Perhaps the actual "cactus" flavor IS super sweet, or maybe cactus just has little flavor. I have not compared this brand with any other, similar product, so I cannot say if this is a good or bad representation of what cactus jelly is like. I read an article that described the flavor of prickly pear cactus to "cold green beans", so maybe sweet and bland is better than a green bean taste on my toast! I also doubt that there is as much healthy stuff in this once it is turned into jelly. I will seek a different product in the future.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

5118 I was cruising the aisles of my local "largest retailer in the US" super store one day and spotted the rooster-adorned bottle with the green lid...I had never tasted, noticed, or even heard of this stuff before, but as a hot sauce enthusiast I decided to give it a shot. Serendipity, baby! Sriracha (hey Pat Sajak, can I buy another vowel? how do you pronounce this anyway?!) is now my absolute favorite hot sauce, and I have about 20+ varieties on the shelf at this very moment. One of the crucial elements to a good hot sauce is the right blend of heat and flavor, and it's a delicate balance. Some get the flavor but not the heat (Frank's), while others get the heat right but lack flavor (yes I am talking to you, you plethora of generic Habanero-based hot sauces). Sriracha, however, nails it both ways. It packs some legitimate kick, but it isn't an endurance contest either. When it's there, it wakes you up, kicks you in the pants, and you know your dish has been revved up a few notches. But you wouldn't want to presume this stuff upon an unsuspecting novice lest they drink all of your beer, er I mean soda, in a desperate search for relief. But right there with the just-right heat is the sumptuous flavor that goes so well with so many foods. Unlike many of my other beloved hot sauces, Sriracha doesn't skew very heavily toward the vinegar end of the spectrum (vinegar is a listed ingredient but it's low on the flavor profile). Instead, the sugar, garlic, salt, and chili pepper combination creates a sweet, salty, almost nutty flavor that enhances far more than it overwhelms. I use it on nearly everything: pizza, soups, sandwiches, chips, eggs, baked beans, burgers, and the list goes on and on. This is definitely the most versatile hot sauce I've found...  
I feel somewhat ashamed for writing such a long, rambling review for a freaking hot sauce, but give it a shot and you'll understand - Sriracha isn't just a hot sauce, it's a way of life.

5146 When these came home, I was less skeptical about what I was getting. The name says it all, oat, coconut and chocolate, in a bar form. Sounds more like a cookie to me. Tasted a lot more like a cookie than a bar that was healthy for me. Which is good. I want to taste my food and know it's healthy, than not want to taste my food while knowing it's healthy. There was plenty of chocolate in the bar for me and it wasn't concentrated in chunk or random chips. The chocolate pieces used had melted nicely, so the chocolate was very prevalent throughout.  
  
I definitely could taste the coconut, but it was a more fresh flavor than say something you'd buy in a bag at a store. It also did not overpower the rest of the bar. Coconut is a powerful ingredient. It's good to know it was used in moderation. The oats and the cookie part of the bar lend well into reminding me of a great oatmeal chocolate chip cookie. I could take a bite and get plenty of the cookie texture I want more of, with bits of oat and smaller but still flavorful coconut.  
  
I think it'd be

K means and K medoids on Amazon food reviews

5247 I'm not the biggest fan of flavored coffees, but i had to try this after reading the reviews.  
Typically for me, flavored coffee smells great out of the bag, and smells like the flavor when you are brewing it, but once you taste it you find the flavor is gone, and worst is that the underlying coffee really isn't that great. This is totally the opposite.  
I brew a batch in the coffee machine, and when I take a sip the first thing I taste is a smooth medium roast which is actually more than decent. I didn't really pick up the hint of sweetness the pecan was giving off until my 3rd or 4th sip. Very subtle at first, but more noticeable once you know it's there. Definitely not overpowering, but just enough where you might think twice about adding sweetener to it. I tried it in the french press, and man! it's twice as good. Really brings out the richness and pecan flavor!  
This coffee smells so good out of the bag you almost want to eat the beans by themselves. And again, the best part is that the way it smells when you brew it is exactly how it tastes. It's nothing but a good smooth cup of coffee. Can't wait to try the other flavors.

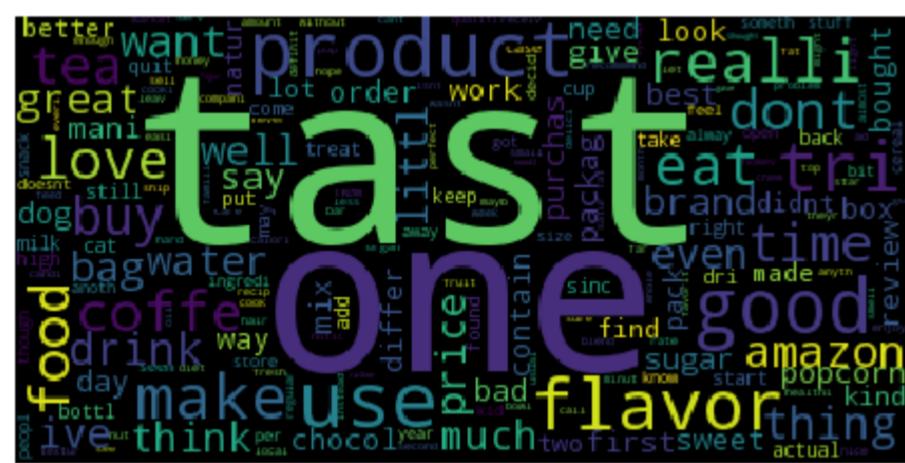
5283 I've been eating Lindt EXCELLENCE 70% chocolate bars for years, but in the fall of 2010 they began adding emulsifiers to the chocolate which ruined the taste, texture, and overall quality of the product. Now that I can no longer scrounge up the older versions of the 70% bars (the ones without the red banner reading "NEW RECIPE"), I tried the 85%.  
This is a very rich, dark chocolate, which is not as sweet as the 70%. It did take me a little getting used to, but now I really do love it. The aroma alone is a major chocolate turn-on! It has a delightfully firm texture that melts beautifully in your mouth.  
If Lindt ever goes back to their original recipe for the 70% bar, I'm sure I'll buy them again. But I doubt I'll ever give up on the 85% bars completely. Well, as long as I never see that dreaded red "NEW RECIPE" banner on an 85% bar!  
If you loved the old 70% bars, give the 85% bars a chance. They'll remind you why you loved Lindt chocolate in the first place.

5408 I also left a review on the beef base.  
  
It is a very clean chicken flavor. It is very inexpensive when compared to purchasing cans/boxes of broth. (I also used my Amazon Credit Card Points and Super Saver Shipping.)  
  
I will be using it in soups and more but today I made fried rice.  
  
I put a small amount in the water for the rice, with just a bit of soy sauce.  
  
Used just a bit in a small amount of the water I used to cook up the mixed veggies. I added a clove of garlic and a little chopped onion.  
  
I poached chicken in a small amount of water with a little soy sauce.  
  
In a big pan with hot oil I added all the ingredients and stirred a couple minutes. I then added 2 scrambled eggs.  
  
For something like this I never use measures, it is to taste.  
  
I made an extra big batch and froze it. Yes, rice freezes as long as it is not reconstituted rice which I am not even sure what that is.  
  
Next time I make beef and broccoli with nuts using the beef paste.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

4990 I wasn't really optimistic about this sauce; I mean, after all--Taco Bell brand? How gourmet can it be? To my surprise, it's pretty good, and it has potential for several different uses; understand I'm speaking as a somewhat opportunistic cook.  
  
If you taste it straight, there is a slight artificial taste to it, but this is not noticeable at all when you combine it with other food. We had it as a taco sauce tonight--that seems to be its intended basic use--and it went well; even the Picky Eater I'm married to liked it. It has the spicy part just about right for those of us who want many foods to be a tad on the hot side, but who also want to be able to enjoy the taste of the food more than the heat of the pepper. It's a bit spicier than I thought it would be, but in a good way.  
  
I also put some in a small bowl to use as a dip, and that was also quite good. I think next time I will add some finely chopped tomatoes (I have a garden, and it's tomato-plethora time as I write this) and scallions. Experience says it will be good.  
  
I think it would make a decent salad dressing, and there I might add some extra peppers, maybe serranos (it's pepper-plethora time, too), and some cilantro--maybe just a tiny shot of olive oil to thin it out a bit.  
  
In short, it's one of those items that can stand alone in some things and also make a very useful ingredient. No, it's not an authentic, gourmet, classy sauce; but it can be one of those reliable things that make the lot of the person putting together a meal in a hurry a better one.

4998 These bars are not intended to be as sweet as a Hostess snack cake. They are designed to give health-conscious folks a decent tasting snack that has more than chocolate and marshmallow in the ingredients. The flavor is not sugary-sweet, but the dark cocoa is definitely present and quite pleasing. By halfway through the bar, it's obvious that it's a health bar. That's not a bad thing for those of us into fitness. They're perfect. I eat one before a bike ride or a run and it seems to help with the 7g protein and 25g carbs.  
  
These are something I would buy even off the Vine program. I'm pretty sure I saw them at Trader Joe's, so I'm going to pick them up there. I recommend them as an additional source of protein and potassium while keeping the sugar in check.

5006 Let me start by saying our dogs love these. As soon as they see the bag they stop whatever they're doing and run to their crates (where we typically give these to them). However, for our dogs these are definitely more of a treat than an activity. I have one dog who is an aggressive chewer who finishes these in under five minutes. He doesn't chew them as much as bite off chunks of it. My other dog isn't quite as strong of a chewer but it usually takes her just around fifteen minutes to eat the whole thing (this review is specific to the Biggest Boodas). So for my dogs this is less of a chewing experience and more of a treat. And when they eat them this quickly, they do get expensive quick.

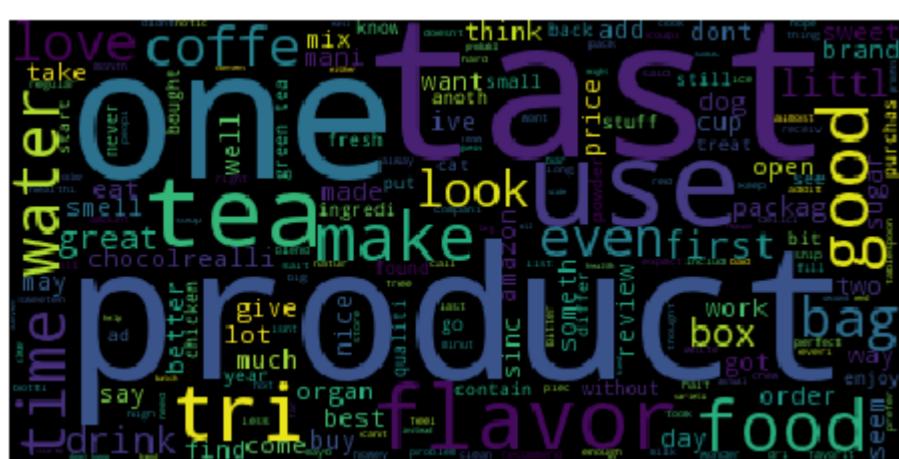
5050 Nestle Media Crema, I like this Can, the cream looks like a thicker sour cream a little more liquid and curdle, it is use in many Latin American Recipes. It took me for years to figure out why the Custard Flan tasted so good, it is because of a secret ingredient, Nestle Media Crema, just an 8 ounce can, along with the other ingredients and you'll have the best Custard "Flan" my favorite. It is a little pricey here, because of the shipping charges, however, they bring it straight to your front door, you don't have to drive all over Town looking for it ... I just love the Convenience. Thank You

5108 I am from the south and grew up on Dr. Pepper. In wanting to break a near daily habit of 1-2 cans, I first switched to a cane sugar cola (to at least get off HFCS), then tried Dr. Zevia.  
Honestly I nearly vomited when I took the first sip of this stuff.  
The strongest taste is the clove, then a funky aftertaste that was just like cough syrup.  
I tentatively tried another sip - I couldn't detect any cherry, only clove and cough syrup.  
I tried a three more cans over a 1-month span (thinking maybe it was just the surprise of how NOT like Dr. Pepper it is), and same results. Yuck. Yuck. Yuck.  
This doesn't taste anything remotely like Dr. Pepper, not even close, not even in the same universe.  
If you are a die-hard regular Dr. Pepper fan, you will most likely detest this product as much as I do.  
On the other hand, if you aren't looking for a DP sub, or are used to an aspartame drink, or like clove and cough syrup, then you might enjoy this product.

Name: Reviews dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 3

4991 This is my 1st time to write a review only because I totally believe in this product. I give this to my 3yo and 1.5yo kids at the onset of their viral infection (colds, cough or fever). This is very effective if given within the 1st few hours of symptoms and taken every few hours for maintenance. They may still have the symptoms but it wont be as bad or you may experience shortened sick days. This is a must-have in our home! I also take it at the first sign of symptoms and the virus wont push thru.  
  
Overall I think it's worth the cost compared to buying medicines and going to the doctor if symptoms persisted w/o [Wedderspoon Raw Organic Manuka Honey Active 16+, 17.6-Ounce Jar](http://www.amazon.com/gp/product/B000VK080C).

5033 I've never been a fan of black licorice but find myself enjoying a package of Red Vines every so often - but they MUST be chewy. So imagine my joy happening across this new treat from Newman's Own and having my first bite having the required "chew" without having to let the package stand out in the open for a few days.  
  
Yummmmmmy. A whole new way to enjoy licorice with a healthful "kick" of tangy pomegranate to stave off the guilt of indulging in some delightfully chewy and delicious candy treats.  
  
I'll be sneaking these babies into the movies from now on.

5041 Whatever this is, it is NOT 100% coconut oil. I contacted Tropical Traditions, and they said region, and method of preparation can cause variations in taste. However I have been using coconut oil for years and this oil does not behave like any other coconut oil on the planet. It "solidifies" CLEAR!!?? instead of white and has almost no smell, whereas ALL 100% coconut oil is completely white when "solid", and definitely smells like coconut. I was very tempted to send this out to a lab to see exactly what the product in the glass jar was, because I am POSITIVE that this is NOT 100% pure coconut oil. My advice see Coconut Oil expert Bruce Fife's article "How Do You Identify a Good Quality Coconut Oil?" before purchasing. [...]

5044 Amended amendment: Now it's back and shipped by amazon ... I cannot keep up with the changes!!  
><br />Amended review: BEWARE!!! The product has gone up in price from \$5 9.99 to 72.99 because Amazon no longer sells it directly and you get shuffled off to other sellers. Can not use Prime for free shipping either. Guess I'm going to have to find a local store now ... if one can be found. I find this quite unfair of Amazon to drop a product without notification to its customers. I dropped its rating to reflect the poor policy decision not the quality of the product.  
><br />The most important consideration is answered in the title. It is a premium food with all healthy ingredients and comes packaged in a heavy (thick) plastic bag rather than in paper. Maddie likes it; what more can I want in a dog food that is good for her health and well-being.

5062 I don't know what the other reviewers prepared as a filler for their tarts -- clearly one can hide their taste (petroleum and preservatives) with something rich and robust -- but why try. You get what you pay for, and with this item, you get something akin to cardboard. I'm sure that their shelf life (atomic half life) is somewhere around 200 years, so if we ever have to back to stocking fall-out shelters, this is the item you'll be looking for.  
  
I purchased a case to try out in preparation for a catering I was planning, and handed a cup to my girlfriend who is a non-chef. Her first comment on the taste was "petroluem." On the plus side, I can't imagine these cups every springing a leak or getting soggy. In fact, I can't imagine that my body could digest them once swallowed. Save your money and order unbaked pastry cups shipped overnight on dry ice by Dufour Party Kitchens in the Bronx. They have a wide variety -- including blue corn, and they are not only digestable, but taste good.

Name: Reviews, dtype: object

## **Observations:**

1. Wordcloud and reviews are printed for k values of 2, 5, 10 to get a sense of what's going on with the data.
  2. Silhouette scores are plotted for each values of k ranging from 2 to 10. It is observed that k=4 has the highest average silhouette score, hence we declare that k=4 is the best suited number of clusters.
  3. Since the average value of all the silhouette scores is around 0.45, so almost all k values except 7, 8, 9 can perform reasonably well.
  4. When k=4, cluster 0 has 9332 elements compared to 186 in cluster 1, 236 in cluster 2 and 246 in cluster 3.
  5. Four medoids are formed and their reviews are printed above.

## Average Word2Vec using K Means

```
In [0]: import pandas as pd
final = pd.read_csv("grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(30000) #Gets 30000 reviews of positive and 20000 negative scores
neg_2000 = neg.sample(20000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1','Score'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
print("The shape of grouped data is {}".format(grouped_data.shape))
```

The shape of grouped data is (49997, 11)

Observations: A csv file is imported which consists of 200000 data points. These data points are already sorted on the basis of time. We create a new dataframe with over 50000 data points.

```
In [0]: list_of_sent=[]
for sent in grouped_data['CleanedText'].values: #Splits sentences into words and stores it in a list
    list_of_sent.append(sent.split())
print(grouped_data['CleanedText'].values[9])
print("*****")
print(list_of_sent[9])
```

enjoy hershey chocol bar time child two favorit hershey dark chocol hershey milk chocol almond combin hershey sweet milk chocol chunk whole almond confectionari landmark opinion en  
hanc flavor cours bit weight conscious today dont eat hershey chocol bar often childhood doesnt alter rate resound star care eat mani like your concern waistlin  
\*\*\*\*\*

```
[['enjoy', 'hershey', 'chocol', 'bar', 'time', 'child', 'two', 'favorit', 'hershey', 'dark', 'chocol', 'hershey', 'milk', 'chocol', 'almond', 'combin', 'hershey', 'sweet', 'milk',  
'chocol', 'chunk', 'whole', 'almond', 'confectionari', 'landmark', 'opinion', 'enhanc', 'flavor', 'cours', 'bit', 'weight', 'conscious', 'today', 'dont', 'eat', 'hershey', 'choco  
l', 'bar', 'often', 'childhood', 'doesnt', 'alter', 'rate', 'resound', 'star', 'care', 'eat', 'mali', 'like', 'your', 'concern', 'waistlin']]
```

Observations: List of words are obtained from the data

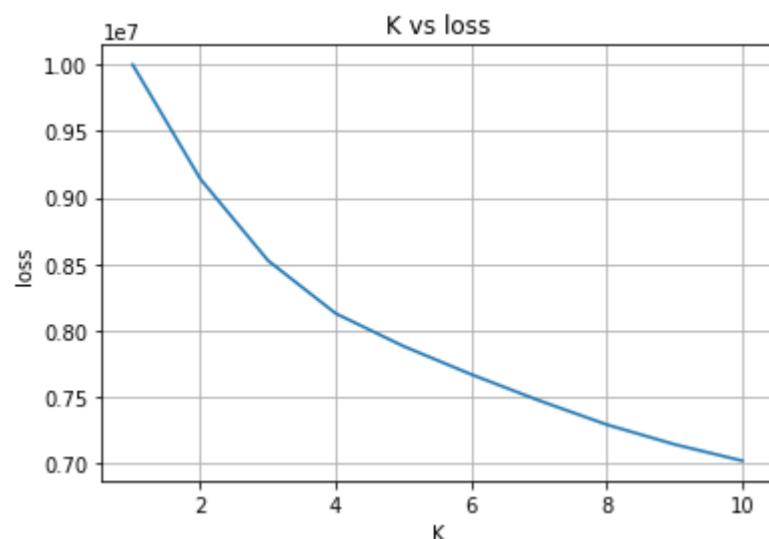
```
In [0]: w2v_train=Word2Vec(list_of_sent,min_count=5,size=200, workers=4) #Initialises the Word2Vec model with words occuring more than 5 times.  
w2v_train_words = list(w2v_train.wv.vocab) #This gives a dictionary of words which tells about the uniqueness of a word among other things.  
print("number of words that occurred minimum 5 times ",len(w2v_train_words))  
print("sample words ", w2v_train_words[298:315])  
  
number of words that occurred minimum 5 times 9640  
sample words ['europ', 'cant', 'prais', 'high', 'believ', 'pleas', 'becom', 'addict', 'hershey', 'chocol', 'bar', 'child', 'favorit', 'milk', 'almond', 'combin', 'sweet']
```

```
In [0]: sent_vectors = [];  
sent_list = []  
for sent in grouped_data['CleanedText'].values:  
    sent_list.append(sent.split())  
for sent in sent_list: # For a sentence in the previously created list of sentences  
    sent_vec = np.zeros(200) # As word vectors are of zero length, returns an array of size 50 filled with zeros  
    i = 0; # Number of words with a valid vector in the sentence/review  
    for word in sent: # For each word in a review/sentence  
        if word in w2v_train_words:  
            vec = w2v_train.wv[word] #Gets the corresponding vector for the word  
            sent_vec += vec  
        i += 1  
    if i != 0:  
        sent_vec /= i  
    sent_vectors.append(sent_vec)  
print(len(sent_vectors))  
print(len(sent_vectors[0]))  
  
49997  
200
```

```
In [0]: data = StandardScaler(with_mean=False).fit_transform(sent_vectors)
```

Observations: Performed standardization on the data.

```
In [0]: k_means(grouped_data,data)
```



Enter the value of K observed in the above plot: 4

Performing K means on K= 4  
Done!

Creating a dataframe with Reviews, Cleaned text and Clusters..  
Dataframe is created!

The number of reviews in each cluster is:  
3 21258

3	21258
0	13445

1 7877

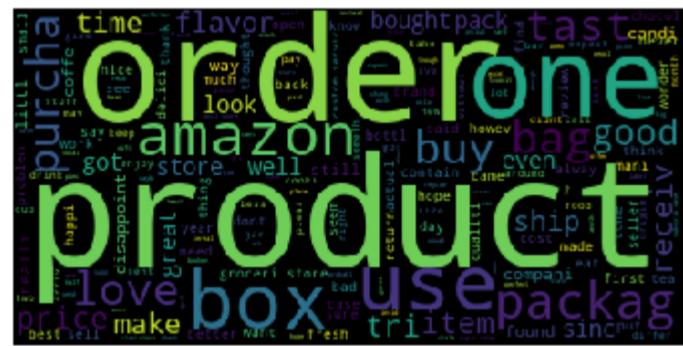
2 7417

Name: Clusters, dtype: int64

\*\*\*\*\*

## \*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 7 random reviews from cluster 0

0 We have purchased boxes and boxes of Pirate's Booty over the last year. We used to buy individual bags at Whole Foods but they are expensive and get eaten too quickly. My 1 year old son just loves them and they are great for his self feeding skills. My 8 year old loves them as afterschool snacks. My husband and I enjoy them - but we try not to eat too much since these are snacks afterall and we should not have too much junk food.  
  
A few months ago, we shipped a box to my father in law in CA. because he got addicted to them while visiting us. He took a few bags to visit his mother in Wyoming and she got hooked. When she could not find any in her very small town, my father in law shipped a box from Amazon to her. That should last her for a while since she is 96 and lives alone.  
  
As you can see, this is addictive so be careful with buying your first box!! We have also tried Smart Puffs, Cannon Balls and Veggie Puffs. The green Veggie Puffs did not go over as well with my family. Only my 1 year old son likes it!

0 I'm sorry, but these just weren't for me, they have somewhat of a stale taste. I recommend buying a single bag before buying a case if you are at all hesitant.

0 Not the best rice ever but pretty good. Have not seen it in any stores around my area so I would probably order this again.

0 Revolution makes a green Earl Grey tea but this item is mislabelled.  
  
This is a fine Green Tea but it is not Earl Grey.  
  
I ordered 6 so now I am stuck with something I did not want.  
  
This is the second time this has happened to me with Amazon.  
  
Another time I ordered what was described as "12 Packs of Coffee Filter s  
  
with 40 each." I received one and Amazon told me it was a misprint.  
  
No compensation was offered.  
  
Amazon needs a proof reader or needs to stand behind the descriptions  
  
of items they sell.

0 I got this product ship one day express. Unfortunately, when it arrived and I opened it, all I saw was a big blob of melted chocolate with LITTLE macadamia nuts in the center of the holders.

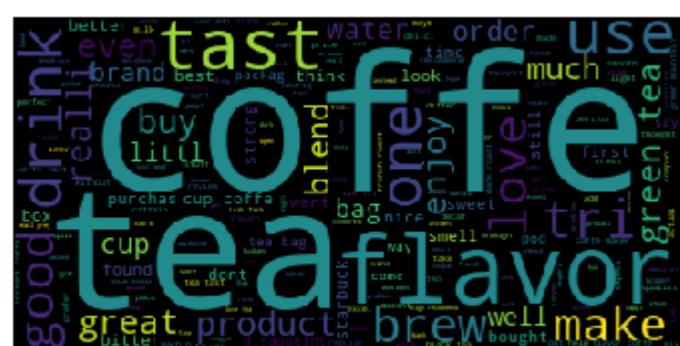
I ordered these last Christmas to wrap up and give to my parents as a gift. The box I received was fresh and in good condition. The marzipan themselves were delicious, and there were enough for the whole family to share. I think these little gems will become a regular addition to our holiday celebration.

0 This is a product that I buy 5 jars at a time at my local grocers. It costs much less to buy in bulk and the product is of equal quality. One word of caution, have a plan for storage as the bag is not resealable.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 7 random reviews from cluster 1

1 When I ordered this I thought I was getting plain white tea not a spice variety, don't really care for it.

1 I really enjoy this drink made with warmed milk in the cold months or blended with milk and ice cubes when the weather is hot. It has a more mild flavor than the original spiced chai. It saves me money when I can buy the bags of mix from Amazon instead of paying \$4.00 a cup at the local espresso shop.

1 I've found Timothy's K-cups to be consistently good, better than the Green Mountain varieties I've tried (with the G.M. exceptions of Nantucket and Newman's Own.) But Parisian Night is the first Timothy's offering that didn't impress me. I bought two boxes of it from Amazon and have tried using different brew strengths, but it always tastes bland. It's bold and strong as advertised, but plebeian. To someone who's just bought a Keurig and had this blend as their first cup, it might taste pretty good; but compared with all the other, better K-cup varieties that are available, this one is better off skipped. I think it's just a fancy name for a boring blend that has nothing distinctive about it at all. Their "Midnight" dark roast is definitely more tasty, and even better than that are their Columbian and Italian K-cups, which are very smooth. I think Timothy's has the best Columbian K-cups on the market. But Parisian Night, well...let's just say that everybody makes mistakes!

1 Did not like this tea. It smelled so strong right out of the box that I never brewed it. Won't buy it again.

1 Not only does this appear to be the lowest-priced blueberry cream flavored coffee on Amazon, but it is VERY, VERY good. 5 stars.

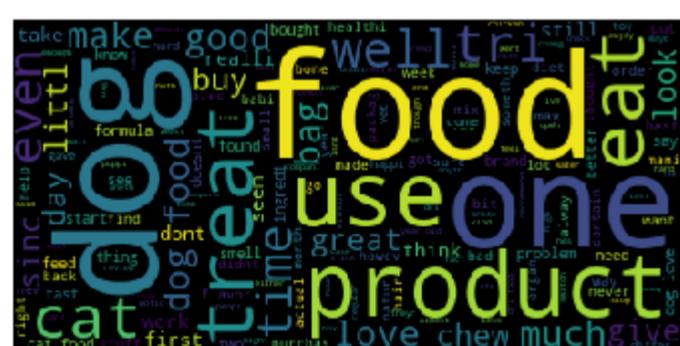
1 One of the cool points of the Keurig brewer is the capability to brew both coffee and tea. Although I use it mainly to brew coffee, I got a box of this Earl Grey, and use it in a rush.  
I drink most of my tea using loose tea (Adiago Tea's Earl Grey Bravo is wonderful), and nothing beats loose tea for having a tea with some body and full flavor. Tea brewed with a K-Cup is brewed too fast, and is slightly more bitter than other good teas, and doesn't have the same mouthfeel.  
Still, I've been drinking this regularly, especially when I'm running out the door and would rather have tea than coffee some mornings. It's quick, and it's a reasonable cup.

1 I have been drinking this tea, twice a day for about 2 weeks. It seems to be working, my weight has not increased, and I have lost a couple of pounds. But this tea taste great, I sweeten it with honey, and I look forward to drinking it. I believe that I will reach my weight loss goals while drinking this tea. This the best deal with Amazon, you can't beat it. Only thing is it took a while to receive it.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

Plot of Word Cloud



Printing 7 random reviews from cluster 2

2 I have a Norwegian Elkhound and he generally sheds an incredible amount especially in the Spring. I started him on the Shed Stop 4 weeks ago and it is just amazing how much of a difference I'm seeing. His shedding has really diminished and his coat looks great.

2 We love this product. We've also got our little grandbabies hooked on it, when she comes to visit. She's now 2. We feel more comfortable with her drinking goat milk than cow's milk - much easier to digest. Love that Meyenberg. Sometimes, though, we find better prices elsewhere on the Internet.

2 I was just two pounds shy of my Weight Watchers goal when I fell off the weight loss wagon and gained four additional pounds. Life was busy, and I wanted a fuss-free way to lose those last pounds before swimsuit season. Since I enjoy Special K products, I thought I'd put the Special K 2-Week Weight Loss Challenge to the test. I ate Special K cereal for two meals, snacked on fruits and veggies (instead of the recommended Special K snack products) and made healthy dinner choices. I didn't expect to lose 6 pounds as advertised, since my weight loss had slowed from months of dieting and I was near my goal weight. To my surprise, I lost 6 pounds and have finally reached my goal weight!  
THE DIET:  
It's convenient and doesn't require much planning. However, it could get a little boring in the long run. It could also be difficult to meet daily nutritional requirements. Also, rapid weight loss could be difficult to maintain in the long run. If you've been dieting and just can't lose those last few pounds, or if you need to lose a few pounds fast for a big event, give Special K a try.  
ABOUT THE CEREAL:  
One can usually find a box of Special K in my kitchen cabinet. Most often, it is the Red Berries variety. I enjoy the Fruit and Yogurt flavor, as well, but the serving size is 1/4 cup less. The original flavor is also nice from time to time, but the Chocolate Delight is just not a good idea, in my opinion. But back to the Red Berries. The cereal consists of the usual Special K flakes with dehydrated strawberries. Once I pour it on my Silk Light soy milk, the berries plump up to add lots of real strawberry flavor. There are generous amounts of berries and the flakes stay crispy in milk. All in all, this is an excellent cereal that I highly recommend.

2 I have a very picky poodle/terrier mix and lean treats are one of the few treats he will eat. My vet turned me on to them.

2 I loved every pebble of this candy. I was going to use it at a jewelry show, but I ate it all up before.

After trying just about every brand out there, I gave these a try. Not only are they low fat and natural but both of my very picky dogs LOVE THEM! When you open the box, they actually smell really good. I would recommend these to any dog owner but especially if your dog is finicky.

2 Sent this to my two kids in college. They loved it! Sometimes it is the simple things...

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

### Plot of Word Cloud



Printing 7 random reviews from cluster 3

3 This cocoa is amazing with its wonderfully strong, sinfully good flavor (I never had the old type in the silver can, so I cannot compare them). Unlike others, I did not notice this to be bitter (and I used a lot in my recipe).  
  
When my wife, who \*is\* Dutch, moved here, she was very disappointed with the cocoa we could find in the stores. I noticed that Ben & Jerry's used alkali-processed cocoa, so I went looking for some and found this, and then made chocolate ice cream with it. Both my Dutch wife and I think it is the best chocolate ice cream ever. My recipe is below.  
  
Also, note that the item selling here is for SIX containers of cocoa (I paid \$2.37 for one at Central Market). Some reviewers think that the price is for only one container. If you can't find it elsewhere, this is still cheaper than the real Dutch cocoas.  
  
Dave's Dutch Chocolate Extreme Ice Cream  
  
2 lg eggs  
500 ml heavy whipping cream (about 2 cups + 1 tbsp + 2.5 tsp)  
250 ml whole milk (about 1 cup + 1 tbsp)  
150 g sugar (3/4 cup + 1/2 tbsp)  
65 g dutch cocoa (3/4 cup + 1 tbsp: well-packed)  
pinch salt  
whisk eggs a few minutes to fully blend.  
then whisk in sugar until well blended.  
continue to whisk until smooth while adding in cream, milk, cocoa, and salt.  
store in fridge overnight (this helps with the texture).  
  
freeze according to your ice cream maker's instructions.

3 Imagine a healthy low calorie cereal that tastes as good as the more main stream cereals! Ever since I switched to a low fat, high nutrient diet, Flax Plus has been the standard choice with which to start the day. It's definitely great that Amazon stocks it in multipacks since quantities are usually difficult to find locally and usually at a significant markup. I strongly recommend it for those that are trying to ease into a diet regimen.

3 Lipton pasta sides are among my family's favorite side dishes, and I certainly don't mind the quick and easy preparation. The cheddar flavor is a bit bland, and not as cheesy as the product description and picture would make it sound. Other than that, it is a good value and cooks up in minutes!

3 Dried bing cherries are too sweet. You want the dried "tart" cherries that make for good snacking. This package and bulk packages are perfect. Full warning, there is some sulfur in dried cherries, so expect some eggy reaction.

3 We first tried these crackers while wine tasting in upstate New York. The wineries give these to cleanse the palate between tastes and they are terrific! We brought some home and continue to enjoy them with wine, beer and just for snacking too! They are healthier than a lot of crackers and have a great distinctive flavor.

3 Beef sticks and honey - what a great combination! The Ole Smokies beef sticks are full of flavor. Adding honey gives them a little twist of sweetness that just puts them over the top. The Honey Stung Ole' Smokies are always a favorite with our friends; the saddlebag pack is a perfect take-along to football parties.

3 These candies are wonderful! Sugar free and they have flavor!  
I will be buying more....

Name: Reviews, dtype: object

## Observations:

1. Through the elbow plot it can be observed that k = 4 can be considered as an optimal K value.
2. Cluster 0 has 13445, cluster 1 has 7877, cluster 2 has 7417 and cluster 3 has 21258 data points.

## Average Word2Vec using K Medoids

```
In [0]: import pandas as pd
final = pd.read_csv("drive/grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(12000) #Gets 12000 reviews of positive and 8000 negative scores
neg_2000 = neg.sample(8000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
scores=grouped_data['Score']
print("The shape of grouped data is {}".format(grouped_data.shape))
```

The shape of grouped data is (20000, 12)

Observations: A csv file is imported which consists of 200000 data points. These data points are already sorted on the basis of time. We create a new dataframe with over 20000 data points.

```
In [0]: list_of_sent=[]
for sent in grouped_data['CleanedText'].values: #Splits sentences into words and stores it in a list
    list_of_sent.append(sent.split())
print(grouped_data['CleanedText'].values[9])
print("*****")
print(list_of_sent[9])

discov nesk work restaur use bacon spinach salad bacon good recip invent around open cryopack caus mouth water perfect salti smoki sweet lean fat lean beauti eat nesk bacon every
th find groceri store bland disappoint
*****
['discov', 'nesk', 'work', 'restaur', 'use', 'bacon', 'spinach', 'salad', 'bacon', 'good', 'recip', 'invent', 'around', 'open', 'cryopack', 'caus', 'mouth', 'water', 'perfect', 'salti',
'smoki', 'sweet', 'lean', 'fat', 'lean', 'beauti', 'eat', 'nesk', 'bacon', 'everyth', 'find', 'groceri', 'store', 'bland', 'disappoint']
```

Observations: Get a list of all the words in data.

```
In [0]: w2v_train=Word2Vec(list_of_sent,min_count=5,size=200, workers=4) #Initialises the Word2Vec model with words occurring more than 5 times.

w2v_train_words = list(w2v_train.wv.vocab) #This gives a dictionary of words which tells about the uniqueness of a word among other things.
print("number of words that occurred minimum 5 times ",len(w2v_train_words))
print("sample words ", w2v_train_words[298:315])
```

Observations: Train the word2vec model on the whole data.

```
In [0]: sent_vectors = []
sent_list = []
for sent in grouped_data['CleanedText'].values:
    sent_list.append(sent.split())
for sent in sent_list: # For a sentence in the previously created list of sentences
    sent_vec = np.zeros(200) # As word vectors are of zero length, returns an array of size 50 filled with zeros
    i = 0; # Number of words with a valid vector in the sentence/review
    for word in sent: # For each word in a review/sentence
        if word in w2v_train_words:
            vec = w2v_train.wv[word] #Gets the corresponding vector for the word
            sent_vec += vec
            i += 1
    if i != 0:
        sent_vec /= i
    sent_vectors.append(sent_vec)
print(len(sent_vectors))
print(len(sent_vectors[0]))
```

20000  
200

Observations: Gets the sentence vectors for all the data.

```
In [0]: data = StandardScaler(with_mean=False).fit_transform(sent_vectors)
```

Observations: Standardize the data.

```
In [0]: D = pairwise_distances(data)
```

Observations: Pairwise euclidean distances are calculated from each point.

```
In [0]: implement_kmedoids(grouped_data, data, D)
```

===== When number of clusters is 2 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

```
The number of reviews in each cluster is:  
1    16643  
0    3357  
Name: Clusters, dtype: int64
```

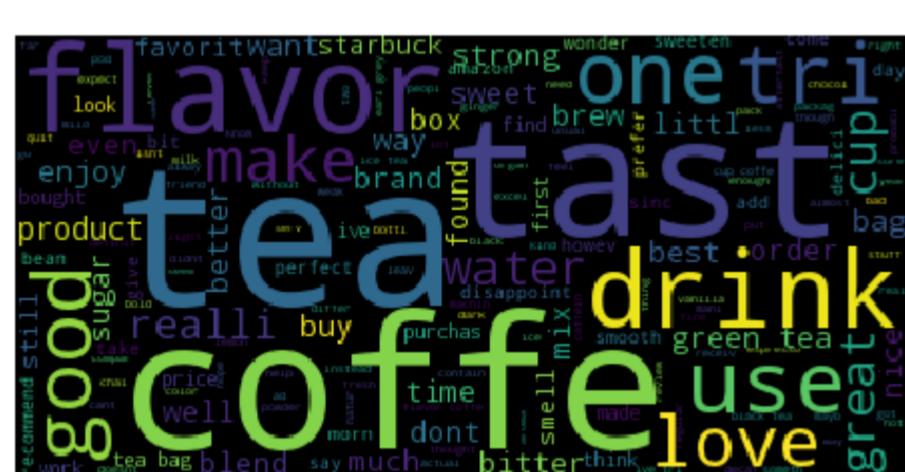
\*\*\*\*\*

The number of Medoids formed are 2

I'm an avid chai drinker--many different varieties of both lattes and straight black tea. We purchased this product because we noticed that the Cafe Escapes chai lattes--a sweeter, creamier blend--did not actually have much black tea in it, and we still wanted our morning caffeine. Neither my husband nor I could finish one mug of this stuff, and we will e

Since you are searching this product on Amazon, it's safe to say you know the difference between "regular" chili and Cincinnati style chili , right ?  
>  
Ok , that being established, this isn't Skyline . Or Dixie . But since those brands are like nine bucks a can plus shipping, I figured I'd give this one a try, at under \$3 a can , shipped. It's kinda thin , but the flavor is there ...sweet , aromatic, and very much "Cincy" style. I made a three-way ... served this over spaghetti noodles and topped with shredded cheddar, mmmm mmm . My girlfriend liked it too, although being from Arizona, she doesn't think they should call it chili . They probably shouldn't , since it contains NO chili powder. I made another batch while on a camping trip with friends , and they gobbled it right up with rave reviews. One little kid called it "Christmas Spaghetti" and begged for it again the next night, I can see how the almost gingerbread-ish spice flavors reminded him of Christmas.  
>  
Give it a shot if you want Cincy-style chili shipped your way , but don't want to

### Plot of Hand Cloud



Printing 4 random reviews from cluster 0

9928 This is the best value by far if you use your Keurig Coffee Maker in the morning for a quick cup of coffee just before walking out the door as we do. I prefer Bold and Extra Bold brewed coffee. This collection offered variety and lasted for about 6 weeks.

9931 This is the only 0 calorie sugar that doesn't sicken me when added to my coffee. Note: it doesn't dissolve in cold drinks.

9932 This Extra Strength product is much cheaper than even Regular Strength 5 Hour Power brand, but in my opinion tastes a lot more bitter and has a lot less caffeine. I gave it a try and went back to Regular Strength 5 Hour Power brand, because I didn't feel anything when I drank these. The name brand costs more, but tastes better and has more caffeine.

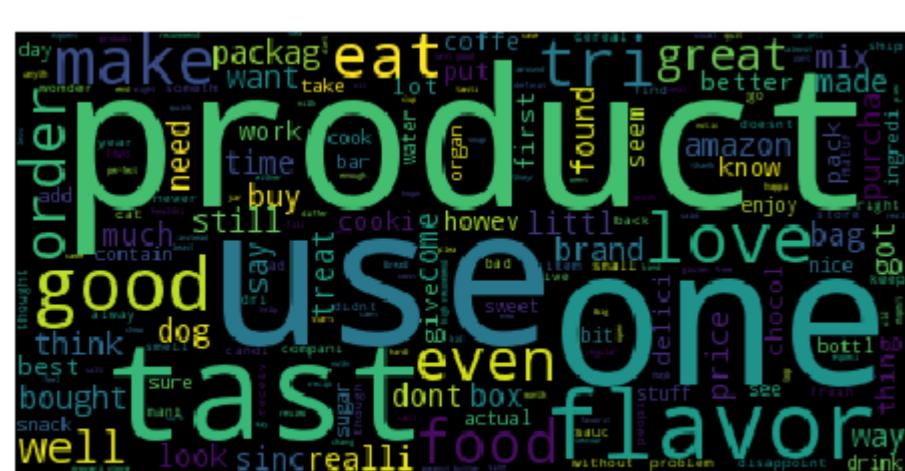
9933 I picked up a few flavors of Zevia at the health food store & I had really high hopes for this. I also use stevia regularly in coffee & tea, so I know what the sweetener is supposed to taste like. This doesn't remind me of stevia at all & gives a weird aftertaste. The aftertaste just kind of sits on the back of your tongue & stays there. The natural ginger flavor wasn't too tasty either.

9937 I was really excited to try this mix after the great reviews and having had really good hot chocolate in France. Unfortunately, I am very disappointed about how much sugar is in it. The sweetness just overpowers the chocolate and vanilla flavors. In my opinion, the overall flavor is just slightly better than the Carnation instant hot cocoa you can buy at your neighborhood supermarket. If there was less sugar, it would probably be pretty good. This is Americanized hot chocolate, not the type of rich hot cocoa goodness I had in France.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

10018 in my families opinion these are the best brownies anywhere. we have tried lots of boxed ones and homemade but these are the best. don't knot what "Betty" does to them but they are great!

10019 I take a shot of this everyday and have been for 4 months. I can't say medically or scientifically how much it helps w/ anything but I like to make sure I'm receiving enough antioxidants. I'm an active mom of two, who tries to take care of herself and exercises regularly. I feel like this gives me a boost... a little more energy and a little stronger immune system. I can't say for sure but I do seem to feel a little better when I take it regularly. Less fatigue... It tastes like strong blueberry juice.. not bad. So I plan to use it threew the winter and hope that I get sick less often. We shall see...

10021 I wasn't sure what to expect, but this is a simple mixture of split peas, lentils, and pasta. There are no spices, no dried vegetables, or anything else, so you will need to add a number of things to it to make soup, or a decent-tasting meal. That being said, it's great. I didn't expect that I would keep using it but it's become a staple in my kitchen. My housekeeper /cleaner buys it, boils it and prepares it as a side dish (bean salad). I prefer to add it to my rice pilaf, to make it a complete source of protein.  
If you do make soup with it, I would definitely add lots of veggies, potatoes, and chicken if you're not vegetarian.  
This is not just for vegetarians. It's actually great for people who are cooking meals for mixed vegetarian/non-vegetarian families.  
Hope you try it and like it.

10022 I ordered 2 different types of mint chocolate in the month of august and the one shipment from a competitor arrive all of the chocolate had melted. Had expected the worse for the shipment of the Andes chocolate but to my surprise they had packed 4 ice packs with the chocolate and had no melted chocolate. Very impressed with service and chocolate and will be ordering more soon.

10023 I have eaten Gotezes Caramels for quite awhile, so I know old stock when I eat it. I ordered both the Original and the Apple Caramel cremes from SweetGourmet. The Originals were delicious and soft as they should be, however the Apple ones were hard as a rock, they must not have been ordered very often, and have been exposed to air for too long, this could be easily remedied by sealing them in some kind of air tight bag as the stock is received. Regardless at this point I do not see myself ordering Apple cremes from this company again.

Name: Reviews, dtype: object

===== When number of clusters is 5 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:

4	6195
2	5867
3	4353
1	1804
0	1781

Name: Clusters, dtype: int64

\*\*\*\*\*

The number of Medoids formed are 5

Printing Medoid reviews

I've tried deer antlers. Some were great, others splintered into sharp shards that scared me. I tried a whole elk antler (\$30). It was durable, all right, because after my dogs figured out they couldn't get to much of the marrow, they lost interest. But all of them LOVE this antler. They can grab onto it easily and scrape at the marrow. They all love it so much I have to be careful that they don't fight over it. However, one of them has managed to wear away the outer shell. She is a pit bull, but she's not an unusually powerful chewer. Still, I would recommend this antler. The pieces they wear off are small, not sharp shards like the deer antlers, and it keeps them busy for a while and seems to satisfy their chewing needs better than artificial chew toys.

A couple of years ago I found some little gray babies while cleaning out the boat for the season. They weren't even two weeks old. At the time I was just breaking in a new puppy and feeding him Innova dog food. I have followed suit with the kitties with awesome results. For one, everyone asks if my boys are Prussian Blues. Now I'm not much of a snob when it comes to animals (mostly saved strays when we were children) but apparently my little rescues resemble some elitist thorough-breds! Their coats are nothing short of spectacular. Smooth, sleek, shiny. I attribute all of this and the rest of their excellent health to the food they eat. They're also extremely athletic. Most cats are, I know, but I have grown up with cats for my entire life and I can say of the multitude of cats I have been around and helped take care of these guys are ninjas! I also give a large amount of that credit to the food that they eat. Most folks probably are reluctant to try feeding their animals the "healthy" food because their little friends might not like the taste. Not to worry, because it seems my ninja boys can't get enough of this food. I have to measure out what I feed them so they don't gorge themselves to the bursting point. They would eat this all day if they were allowed. Wouldn't imagine this to be the case if it didn't taste well. Needless to say I am keeping the boys on this regimen. They have responded beyond my expectations on this diet!

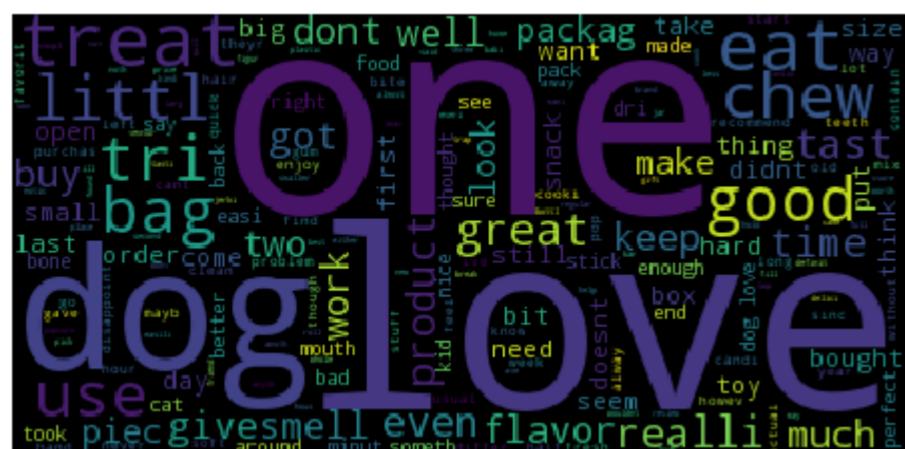
I was very excited to hear about Arctic Zero products, as I'm always looking for lower-calorie, natural snacks to incorporate into my healthy diet. After checking them out on Amazon and reading some good reviews, I headed to the local big-box natural grocery store to buy one of each of the flavors (they're slightly more than half the Amazon price there). Even the cashier commented that she'd heard good things about this brand, and that the Cookies and Cream flavor seemed to be customers' favorite.  
After trying this flavor last night, however, I don't think I'll be buying these again. As other reviewers have said, the color is different from a typical, off-the-shelf cookies and cream ice cream, although that doesn't bother me because I'm used to all-natural foods being different in color than their synthetic counterparts. What did bother me, however, was the taste - I would NOT classify this as overly sweet as some other reviewers have. In fact I'd classify the flavor as slightly bland, with no cookie flavor whatsoever. In fact, I checked the container to make sure I hadn't accidentally gotten the maple vanilla flavor out of the freezer, since I'd bought that flavor as well. In addition, I felt that the texture was "off" somewhat - not grainy or anything, just more viscous than a normal ice cream (it seemed to "coat" my mouth for a long time after I ate it).  
All in all, I ended up eating about 3 teaspoons of this and putting it back in the freezer - great for portion control, but I'd rather spend my calories on ice cream that tastes good rather than eating something non-appetizing just because it's low in calories.  
I'm hoping that the other flavors of this product might appeal to me more than this one did!

I was planning on buying a Tassimo machine for the ability to create chai lattes. It's my favourite Starbucks drink and I've been consuming them for over 5 years. After reading the reviews, I was really worried that I wouldn't like the taste. So, with some trepidation I purchased a TAS4514 along with a pack of the Twinings Chai Latte.  
Got home, set up the machine and prepared for the taste test. Put in the chai disk and let the machine create the base chai tea. Smell was wonderful. Waited for the orange light, took out the spent tea disk, shook the milk disk, put it in the machine. Pressed the magic button and voila, a hot steaming mug of chai latte.  
Looked and smelled wonderful. Nice rich colour with a top layer of steaming and foamy milk. But how did it taste? If you ask me, my wife and my brother (who was visiting), very good! A little less spicy than the Starbucks offering and maybe a tiny bit sweeter but very, very good. Very little of the Splenda after taste that some people complain about. It's there but it doesn't affect our enjoyment of the beverage at all.  
I'm so impressed with both the machine and the chai latte that I bought another one for the office. I figure after about two months of use, the machine will have paid for itself in savings from the chai lattes I buy everyday at the office.  
One piece of advice, give the beverage a quick stir before you drink it. It really helps to even out the flavours.  
Highly recommended.  
\*\*\*\*EDIT\*\*\*\*  
One thing I forgot to add, I'm feeling a bit guilty about the environment. The T Discs come into a foil bag, the discs themselves are good solid chunks of non-recyclable plastic and the left-over contents in the disc are not easily removed for say composting. Tassimo, if you are listening, encourage your beverage providers to go green.

I never thought I'd say I love oatmeal, but here I am saying just that. This stuff is just fantastic! I hadn't heard of steel cut oats, but when Amazon offers a great deal, I \*have\* to check it out (bargain-hunting... it's a gift...and a curse). I did the research and was amazed at all I found about the health benefits of steel cut oats. I was greatly encouraged by the rave reviews on Amazon, but I admit, a bit skeptical. I mean, really, it's JUST oatmeal, right?  
Wrong! I bought this product and the quick-cooking variety as well. I am hooked on this product! I am usually NOT one to plan ahead, but I make a big batch of this at the beginning of the week, portion it out into covered bowls and have it for breakfast everyday. I love the chewy texture and nutty flavor. I've made it with water, milk and organic apple juice. My favorite is half water, half apple juice with pecans, dried cranberries and cinnamon. SO delicious and filling! However one of the things I love about buying this "basic" product is being able to mix it up however I like.  
Yes, the cans arrived dented, but the oatmeal was intact, so it didn't bother me a bit. I did find the same product at my local Publix for \$4.99 a can, which is cheaper than the Amazon price, however, since I have Prime shipping is free AND I will probably subscribe to the auto ship on this product, which does lower the price to less than my local store, plus, NO TAX (and Tennessee DOES love their taxes on food items). But if Amazon offers another amazing deal on it, I won't hesitate to stock up (and get ONLY the long cooking version this time)!  
I definitely recommend this product and will be pestering my mom and sisters to get some too. I know they will love it, and it's so good for them!

## \*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 0

10087 I'll just say these taste fine if you can stand pine mouth for weeks to come... Now I am stuck with 5 more packs of these... I should get a bird.

10088 Picked up a bag of this on recommendation from the lady at our neighborhood pet store.  
  
This litter consists of large sawdust pellets that are too big to fall through the scooper, and as soon as they get wet, they disintegrate into damp sawdust that smells rather piny and neutral, but is impossible to scoop because it doesn't clump whatsoever. This is the opposite of how I want my litter to act. The dirty stuff falls through the scoop, while the clean stuff gets stuck in it?  
  
I don't think my cats like the damp sawdust either. They ended up peeing on their bed even though this litter was "clean".  
  
I'll be going back to my nice-smelling corn-based litter that actually acts like proper litter.

10114 the beef flavor is Blossom's favorite. She likes them all, just this one is her favorite. I like that they help keep her teeth clean.

10121 these spring roll wrappers are perfect! super easy to wrap since they're stretchy enough. they don't fall apart when soaking water.

10127 My dog loves them. He's just a little guy, he's a miniature dachshund but he loves them almost as much as his dog treats. He chews on them for hours, and not the furniture. They last forever and they make his eyes light up like a five year olds on Christmas morning. We keep one in the living room and one in the bedroom for ease and convenience of his chewing pleasure, luckily they come in packs of two. It's odd to think of a dog bone as well constructed but is. The knots in the ends are tied tight and it's dried well so it won't unravel no matter how long it remains in his mouth. It has no smell whatsoever, and again I can't stress enough how much he loves them. It's his second best friend besides me of course. Only the best for my best buddy.

of course. Only the best for  
Name: Reviews dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

10576 Wellness is among the best cat foods out there. It is grain-free and it has ingredients of high quality. There are no meat by-products. My only caveat is that Wellness' products with fish are not so good. Quite frankly, cats don't eat fish in the wild, so their digestive systems are not designed for consumption of fish. That being said, this is a fantastic specific product. The meat is fresh, and I know my cat loves it. I adopted my cat (he is five), and within weeks his coat was softer, the colors more vivid and I began seeing markings and colors I never saw before.  
  
On another note, I can't help but take a dig at one of the worst, if not THE worst, foods out there...Science Diet. Take a read on the ingredients. In doing so, you will see the natural, very high grade, pure ingredients of Wellness contrasted with the low grade, artificial, even mysterious ingredients of Science Diet food. Hill's chooses the name "Science Diet" to lend it credibility that it just doesn't have. Finally, cats can't digest grains and soy. Hill's food is riddled with that stuff. Bottom line: stay WITH Wellness; stay AWAY from Science Diet.

10597 MY DAUGHTER LOVE THIS FORMULA! WORKS BETTER THEN OTHER GENTLE FORMULAS. HAD A COUPON AND CHECK TRIED IT SHE LOVED IT FROM DAY ONE HAD TO SAY DIDNT TRUST AT FIRST BUT IM GLADE I BOUGHT IT!

10602 We've been feeding this to our Great Dane and honestly it hasn't worked out too well.  
Our dog is just over a year old and at her annual vet visit the vet pointed out that she was developing a yeast infection in her ear. He told me it was most likely from her food and asked what we feed her. I told him we feed her IAMS Large Breed food, and he said that it was probably the problem.  
He said we didn't need to treat it at the level that it was at, but that if she got to where she was shaking her ears a lot, or pawing at them, or if we noticed other symptoms, we would want to try a better diet to see if it fixed it.  
So, our dog's ears got worse. She was constantly shaking her ears. Her skin developed really bad dandruff. She used to be really obedient, but she became really naughty. I called the vet's office and we're switching her to a wheat-free corn-free diet now. Last week we transitioned her over and this week we have already seen a little improvement; she doesn't shake her ears much at all anymore. We'll watch and see if the dandruff and behavior problems also go away. I am hopeful that they will.  
Maybe some dogs can eat this and be fine--our dog LIKES eating IAMS food...but it's just really obvious that it hasn't been good for her. Until her vet told me, I had no idea that dog foods have so much bad stuff in them. Dogs are carnivores, so it makes sense that they have problems on a wheat and corn diet. The vet didn't try to sell us any particular brand of food, he just suggested trying a wheat and corn free brand for a couple months to see how it goes. We are trying Nutro Natural Choice now.  
Too bad. \$50-60/bag dog food for a Great Dane is going to add up.

10615 This food helped our English bulldog's digestive issues (namely soft stools, sorry tmi) and seems to have positively impacted his yeast/tear stain issues. He has been eating this for nearly one month now.

10620 I have to buy this formula because my son is allergic to cow's milk and possibly soy. He started out on Enfamil so his doctor wants him to stay with the brand.  
>This stuff is EXPENSIVE and it STINKS! I honestly cannot wait until he doesn't need it anymore.  
>He also has colic and this does nothing to help colic like it says on t  
he can.  
>I only gave it 2 stars because my son needs it due to allergies.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

9749 Supposedly increases milk production? Yeah, I didn't see a difference after drinking this for a good 3+ weeks. Aside from that, it doesn't smell or taste very good. Very herbal medicine-like.

9751 My wife and I have had a SodaStream for about a year now. It hasn't changed our lives, but we like it.  
  
Some flavors are excellent, most are passable (think generic soda), and a few aren't so good.  
  
But this Cherry Cola flavor, oh my goodness, it is AWFUL.  
  
If I had to describe it, it's kind of a mediciney black licorice. Just terrible. They need to abandon this flavor, because if this were the first flavor I'd sampled, I'd immediately walk away from the SodaStream display.

9753 I opened the box, took out one of the bars, and was surprised at how large the packaging was compared to the size of the actual snack. It didn't look appetizing at all, and appeared to have been shoved in the wrapper haphazardly.  
  
I tried a bite, and was pleasantly surprised at the chewy texture and the flavor. Also, not having dairy, gluten or soy is a big plus. The big drawback is that they are rather heavy, and I could only eat about 1/2 the bar (no wonder they are so small). I think that as a meal replacement, the whole bar would be fine, but as a snack, they might be too much.  
  
Overall, this was an okay product. I would buy it again in the future, but not on a regular basis.  
  
I gave it four stars because it did have a nice flavor, and works for just about any food allergy...

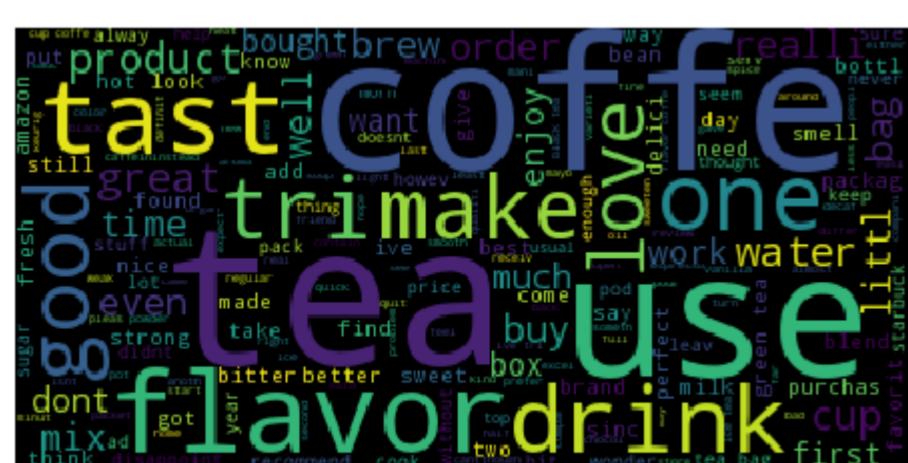
9756 The predominant flavor in the Knorr Teriyaki rice is dehydrated onion/leek. The ingredients list says dried leek and onion powder. It is just too much. It tastes like the bad dehydrated meals we used to eat on several day backpacking trips when I was a child.  
  
Other people love this as I can see from the reviews. I would say that you should consider what sort of palate you have to figure out whether you are in the love it or hate it group. If you are like me, then you think fast food tastes disgusting. You also think stevia tastes bitter, artificial sweeteners taste like poison, and you can taste every or almost every ingredient in a dish. You could probably recreate almost anything you have eaten just from taste alone. Did it have a dash of chili powder in it? Yep, you could taste it. Was it made with pickled hot peppers instead of fresh ones? You can tell just by taste. Was it made with crisco instead of butter? You know immediately. If that is you, you will hate this product.  
  
One hour and a peach smoothie later and I still can't get the onion taste out of my mouth. A further glass of lemonade later, still tasting dehydrated/powdered onion.

9/60 I ordered kelp hoodies in hopes of using them in place of hoodies or rice. They have no taste which is good but they are semi hard and crunchy. I even cooked them and they stayed the same. Very disappointed they are horrible and a waste of money.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 3

10342 This was my second Saeco, but will be my last. This machine was poorly fitted together when built, broke twice within the warranty period, but, only repaired, sort of, once. It'd be considered a lemon if it was a car, and customer service has been rude, lying, insulting. I will listen to it squeak out perhaps its last dying cup, gladly toss it in the garbage, and buy a real coffee machine next time. Buyer beware.

10343 I have used this tea for 2 of my 3 pregnancies. It's a little hard to 1st get used to the taste but now I love it. It helps strengthen the uterus. I started drinking it in my 3rd trimester and drank it for a few weeks postpartum as well.

10356 Flavorful and full-bodied, this tea is made from green tea leaves flavored with a hint of pomegranate and raspberry. It is caffeinated but does not bother me at all the way caffeine in coffee does. A civilized way to start the morning. And Subscribe & Save makes it a bargain!

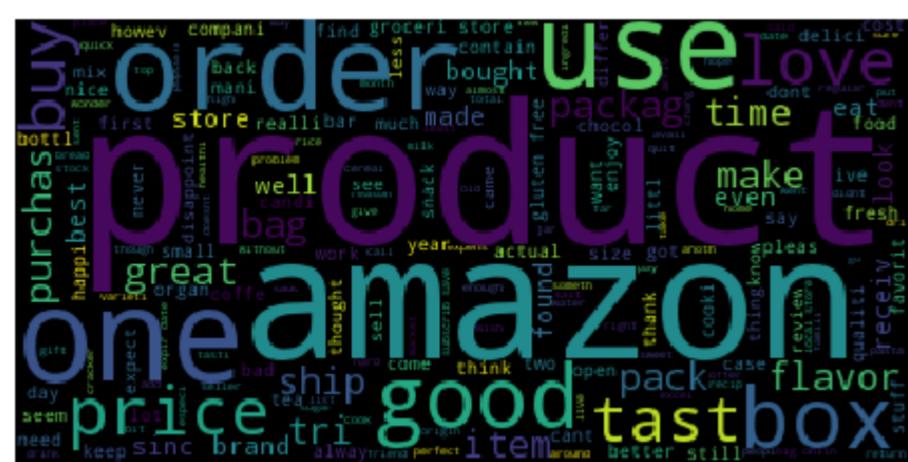
10366 These turnip greens are better than I can make from scratch. Seasoned just right. OUTSTANDING. Serve with your choice of meat. Cornbread completes the perfect meal.

10374 You taste the herbs but they aren't overdone. Don't really detect the cheese but overall a nice flavor. I bake from scratch in my oven in cool weather but in the summer the bread machine comes out and these mixes make it quick and convenient.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 4

9864 My nephew loves this candy but it's only sold in specialty stores. I bought this for his 12th birthday so he could have his own supply for the school year. He was thrilled with it. It was packaged nicely and arrived undamaged, made a great birthday gift!

9871 great snack, bought the pack so i could try all of the flavors. apricot was a letdown but who likes apricots anyway. bought this while it was on sale so i got an incredible deal.

9872 I have used Pacific Natural soup products before, and bought a case of these to try the organic creamy tomato. I had these in my cabinet for one month after receiving them in good condition from Amazon, and one of them exploded in the case! They had been stored at room temperature, and it's not that hot in SF. I was a bit disturbed by what type of conditions in the box would have caused such an explosion (out of the top of the box, and it got all over everything), so i threw the entire 10 unused boxes away. the one box i had consumed, was very mild tasting, but good (thus the 2 stars). i don't think i'll be purchasing these again, since i've never had a commercially packaged product contaminated w bacteria (most likely) before. i can a lot of foods, so i'm always careful about processing -at a minimum, there may be a quality control problem, since the shipping and packaging appeared solid. Yikes!

9874 We used to drive to the Basket Loft in order to buy this brand of candy because they are just that much better than the competition, although the brand Wal-Mart sells is a good second (sour worms only). Highly recommended for Gummy enthusiasts.

9876 I found them in my local grocery store. After I opened the bag before I knew it they were gone. I had to look around the floor and general area thinking I must have spilled some, but no these are almost maniacally snackable. Not too oily not too salty and the appearance of a health food, they might just be too good. The ceaser flavor is a little too strong for my tastes; but that did not mean I couldn't finish the bag. I can not recommend these enough.

Name: Reviews, dtype: object

===== When number of clusters is 10 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:

0	3974
3	2916
8	2591
1	2173
4	2131
2	2052
6	1611
9	1566
7	710
5	276

Name: Clusters, dtype: int64

\*\*\*\*\*

The number of Medoids formed are 10

Printing Medoid reviews

So I finally got a hold of this stuff at the Metropolitan Market in Seattle. The color is bright neon orange, unlike this yellow in the product picture. The first thing I noticed was the smell, which reminds me of sodas I had as a kid in the late 80's. I can't exactly put my finger on it, it's like sweet-tarts with out the sour and a high quality seltzer's mell. Maybe its the fact that it uses sugar as a sweetener? The flavor is quite good and it first tastes like a dreamsicle, creamy and orange, then a complex tingly tartness that finishes cleanly without being too sweet.  
Is it worth paying for shipping to try it? I'd say try to find it in some of your high-end local grocery stores first to see if you can save the money. If you're curious, I don't think you'll be disappointed and shelling out the dough to satisfy your curiosity. It's definitely one of the best sodas I've ever tried. I can tell why it's the #1 soda in Scotland. It's refreshing and interesting without being over the top.  
I would prefer it over a Mexican Coke on a hot day, and would go great with any sandwich, especially something like a bagel with cream-cheese and lox, or turkey on rye. But if you're having pizza, a Coke would be much better. If you're still reading, another one of my favorite sodas is Reed's Ginger Beer Extra, which is spicy. Another good soda is Fentimans Victorian Lemonade, which is a satisfying sour soda, that washes down msg-laden Chinese food like bitter green tea can't.

I took a chance and bought 6 bags of these, and I was not disappointed! I really like tofu and mostly like tempeh and seitan (depends on the preparation), but soy curls are most definitely my favorite "fake meat." They are easy to prepare and can be used in a variety of recipes - from soups to tacos and fajitas to curries. One the easiest and tastiest way

s to prepare them is to reconstitute them (10 minutes), drain them, and then dump into a crock pot along with your favorite BBQ sauce. 4 hours later, you have amazing "pulled pork" that you can serve up on a bun or over rice. When I made them this way, a few of my kids asked if I was \*sure\* they weren't eating meat. :) The texture is just right, and since they don't have much flavor on their own, they don't compete with the flavors you pair with them (as I find seitan does, for example).  
  
I honestly can't imagine anyone not liking soy curls. They are just amazing!

There was a commercial that advertised its product as "good and good for you". Oatmeal Crisp fits that description. High cholesterol is one of my life ills and oatmeal is supposed to be a good tool against it, but I just can't imagine eating a bowl of cooked oatmeal everyday especially during the summer heat in Chicago. Oatmeal Crisp on the other hand served with cold milk is a crunchy, sweet taste treat. It holds up well in milk (soggy cereal makes me gag) and the almond slivers are a perfect touch. Unfortunately, I have had difficulty finding this cereal on store shelves in my area, but Amazon has proven an adequate fix. 6 boxes at a time are a bit much, but I realize too much of a good thing is better than none at all and I place the additional boxes in the freezer.

When I saw that Amazon was selling a SharkBanana, I thought this was some sort of genetically engineered hybrid, perhaps the equivalent of childhood favorite sea monkeys, but for the new age.  
  
I ordered a gross of these using Prime 2 day shipping, and as I am very busy as the CEO of a major corporation, I didn't have time to fully research this item. But I expected something like this: You receive your SharkBanana embryos, put them in water, and watch them grow to be full fledged SharkBananas. I planned to include these in the gift boxes I send to my best clients, along with a Coach wallet, some Godiva chocolates, and a few other high end goodies that go with that sort of thing.  
  
Imagine my surprise, and disappointment, when I got my pallet of boxes from Amazon and all each contained was this stuffed animal thing. No embryos. Not even any real bananas, which I sort of figured that--for the price they're asking--they'd probably include. In fact, I specifically ordered a banana essence truffle from Godiva to go with these.  
  
There is no way I am going to be able to put these in my gift boxes.  
  
Buyer beware: These are neither real sharks, nor real bananas.  
  
'nuff said.

I was very pleased when this arrived at the door - opened it immediately & dug in - wasn't till later when my wife got home & told me it was for the dog, not me.  
  
Just kidding - our dog does like this Beneful, we get many compliments on her smooth coat, she's fit, full of fun & energy & very healthy. Dry dog food has added advantage if you have to curb your pet. Dogs do like variety too, Beneful has several different flavors, you may want to change it up every other bag or so. This 15.5 lb bag lasts about a month for our 50 lb Lab.  
  
Sounds funny for a dog to be eating corn, tomatoes & other veggies, the reality is these ingredients are fillers to keep the cost down. Other brands may be 'healthier' but are going to be more expensive. We selected this brand because that is what the rescue center fed her and our vet said this was fine.

First time ever trying these chips and they honestly and truly do taste like baby back ribs. They were good and I would purchase them again.

REPEAT BUYERS BE AWARE  
Warning!! "New Improved Flavor" Warning!!  
This is one of very few reviews of any product I have bought on Amazon. Certainly my longest. Don't usually bother writing reviews online but I feel this is important enough to note so others will know. I did also write a note to the manufacturer.  
Glutino Multigrain Gluten Free Crackers were one of the few GF & dairy free crackers I really liked. My most recent order arrived and I popped one in my mouth and thought "did I order the wrong thing?". These crackers tasted totally different, & not in a good way! Only then did I take a closer look at the box & noticed "new improved flavor!" printed on it. In my opinion, totally ruined the great (old version) flavor, just a blah, bland, nondescript cracker of worse consistency like most others. For those that disliked the fennel flavor you will be happy to know that the fennel has been removed, a bad thing in my opinion. If you wanted a bland GF multigrain cracker there are plenty of them out there. They don't work as well as they have for me in the past in settling my stomach because the fennel has been removed.  
The sodium content has increased by nearly 75% (260mg vs. 150 mg per same serving size) !!  
"new Coke" anyone?  
Why mess with something that WAS already a really great product? It is my feeling that "new improved flavor" really is "cheaper to make, worse flavor". What were they thinking?  
So I WARN potential repeat buyers - you should probably try a box if you can get it locally before ordering a case of the "new improved flavor". I am VERY disappointed! Will have to find a replacement!  
For those who would like to know and compare here are the ingredients from the box, original and "new improved" (and don't forget - w/75% more sodium)  
Original: CORN STARCH, WHITE RICE FLOUR, ORGANIC PALM OIL, MODIFIED CORN STARCH, DEXTROSE, LIQUID WHOLE EGGS, YEAST, SALT, FENNEL SEEDS, POPPY SEEDS, GUAR GUM, AMMONIUM BICARBONATE, SODIUM BICARBONATE, MONO & DIGLYCERIDES, NATURAL FLAVOR.  
New Improved: CORN STARCH, WHITE RICE FLOUR, ORGANIC PALM OIL, MODIFIED CORN STARCH, DEXTROSE, LIQUID WHOLE EGGS, PREGELATINIZED RICE FLOUR, SUNFLOWER LECITHIN, BUCKWHEAT BRAN, SALT, POPPY SEEDS, GUAR GUM, FLAX SEEDS, SODIUM BICARBONATE, AMMONIUM BICARBONATE, ROSEMARY EXTRACT

I have been longing for Sunshine biscuits forever; I was so bummed when they were taken off of our grocery shelves, and while garibaldi biscuits are equally yummy, they were hard to get until just recently through Amazon. A couple of years ago, I found these Khong Guan biscuits at our local Asian market and took a chance, and I'm glad I did. They're pretty tasty, especially with a cup of tea. I like things on the dry and not overly-sweet side, so these biscuits fit the bill deliciously. Btw....I found these A LOT cheaper in the store \$5.99/tin, \$1.99 package before tax).

I bought the Dolce Gusto machine in 2008, and have been an avid fan of the machine and the capsules ever since.  
While I do have a couple pointers (not quite complaints, but advice to make your Dolce Gusto experience better) that pertain to the machine itself -- and thus the final coffee product -- I feel the capsules themselves are not at fault for any of the machine's problems.  
After many days of getting used to the machine, I've found that loosely following the recommended milliliter measurements on the boxes is a good start, and from there it's up to you. Personally, I do just the recommended amount of milk and then pour the espresso until I see the tiniest hint of transparency in the flow. From there I wait anywhere from half a minute to a few minutes (the longer you wait, the more espresso left in the capsule makes its way to the bottom ready to get the last flush of hot water...but at the same time, the more the foam melts into the coffee), depending on what other busy morning activities I've gotten myself into while preparing the drink, and then push another few seconds worth of espresso out of the capsule. Does this make a world of difference in strength? I doubt it...but it gives me just that much darker of a drink and it makes me feel like I'm getting the most bang for my buck.  
Of course, the fact that I can get that much more espresso out of the capsule by waiting a bit isn't necessarily all the capsule's fault, but it is truly my only caveat (I also wonder if it's possible to make recyclable capsules...). Either way, unless I've really overdone the amounts of milk or espresso (or haven't gotten back to the machine in time to turn it off), getting a 'watered-down' cappuccino is not possible and, in my opinion, purely an 'operator problem' (see tip above).  
Also something to note: a generally accepted typical single shot of espresso is made up of 8g of ground coffee and the final product shouldn't be any more than 35mL. The instructions on the package tell you to pour about 40mL (and there is exactly 8g of espresso in the capsule). In other words, if you overdo the espresso capsule, you'll be getting a noticeably watered down espresso (as for the whole cappuccino, I usually can't tell if I've overdone it a touch).  
Guests have always commented on the excellent look (use clear glasses for quite the show), feel, and taste of the foam and milk. I have to agree that compared to using other capsule-based machines where one has to purchase an extra milk-frother (and deal with the clean-up, supplies, etc), this system easily produces a comparable (at least) milk and foam experience, with very little hassle (if any).  
When it comes to flavors, there's been a long-standing tie between Cappuccino and the [Latte Macchiato](http://www.amazon.com/gp/product/B001H0FI00) in my household. We tend to always have a supply of Cappuccino around with the occasional box of Macchiato every month or two. Cappuccino is definitely a favorite. Top notch. Never had a problem with a bad after-taste, or at least nothing but the great taste of good espresso.  
For those who like to know where their coffee comes from: the milk is from France and the coffee capsules are from England (although the actual 100% ground and roasted arabica beans themselves, I don't know). Also, there's 8g of ground coffee in the espresso capsules (the Latte Macchiato has less -- in fact, the Macchiato box recommends 50mL of espresso for a capsule that contains 6.5g...in other words, the amount of espresso that you'd find in a fairly small single shot with the amount of water reserved for a small double shot...perhaps one of the reasons I tend to prefer the Cappuccino).  
And of course, buying the boxes from Amazon.com with the subscribe and save is the most inexpensive option I've found.  
Also, make sure to sign-up online at Dolce Gusto's website for the award points you get with every box. With a box of three from Amazon (through subscribe and save), AND factoring in the 10 award points you get with every box (with which you can redeem Amazon gift cards), the price per box drops to a little over 7 dollars (compared to ~9 dollars a box at Sur la Table and other retailers).  
And since I'm a money-saving statistics addict, I'm especially happy about the fact that the online rewards program keeps track of all the points you've ever recorded (thus telling me how many boxes I've ever purchased). This helps me calc. how much money I've saved in total in comparison to, say, Starbucks.  
All in all, if you're not quite willing to shell out major bucks for a real espresso machine, and have limited counter-space to begin with, the Dolce Gusto machine is an easy choice (they just released new and improved versions, too). \*\*And, as of early October '10, they've revamped their boxes, giving them a classier, more matte-like finish (along with a recycle symbol on the bottom) and a cleaner look in terms of pictures and text. Great improvement to the design, and a fun, refreshing face-lift.\*\*  
In terms of capsules, the Cappuccino is a solid choice -- a staple in my cabinet.

Really! These are great tasting canned, sliced fruit which are as good or better than I get at my local supermarket without the hassle of lugging them home. I bought three cases (2 peaches, 1 pears) which arrived at my doorstep astoundingly fast, considering that they were shipped about a thousand miles to me by truck, I assume. And there was no damage to the cans whatsoever.  
The expiration dates for the peaches and pears respectively were December/2013 and December/2014. One reason I bought these items was that it is difficult to find virtually any food product at the supermarket that has low/no sugar. These, in pear juice, were the closest I could get. Pricewise, they were comparable and I bought enough in dollars to get Amazon's free shipping deal.  
I may be buying more of my bulk groceries through Amazon. There is no guarantee you will have the same happy shipping experience I did, but it's worth trying. You can spend your time in more enjoyable ways that hauling heavy items home from the grocery store. That's the value of these, to me.  
RECOMMENDED.

\*\*\*\*\* Cluster 0 \*\*\*\*\*

Plot of Word Cloud



9127 It's over 100-degrees outside right now, and the poor mail lady has an open cab--no air conditioning. So when she delivered these cookies from Amazon, I expected "gooey" to be taken to new levels, maybe gloopy or just completely melted. But they were still perfectly intact. And were not actually gooey at all. You know how chocolate chips, once they are cooked and have cooled again, are not hard like uncooked chocolate, and are not gooey like freshly melted chocolate, but are actually slightly grainy like a brownie or something? Well that is the texture of the chocolate in these cookies.  
<br /><br />What I do love about these cookies is the very chocolatiness. The whole cookie is like a brownie. Not fudge. Fudge is milky and gooey. These are brownie cookies; not milk chocolate, not gooey, but very very chocolatey. I personally dislike milk chocolate. I do love dark chocolate. That could be why I like these cookies so well.  
<br /><br />They don't taste like fresh-baked cookies. They are soft and moist, which is good, but they do taste packaged and preserved. I guess that's not so shocking considering that they are actually packaged and preserved. The cookies are small... I don't see a problem with that... as they are soft cookies; their size keeps them from crumbling under their own weight.  
<br /><br />This is a cookie for brownie lovers and dark chocolate lovers.

9128 These seem to need to be handled with some care - when my package arrived, about half the cookies were broken and tumbled around inside the package despite the air packs around them.  
<br /><br />The cookies themselves are very dense and a little crumbly. The inside isn't gooey at all, it's more of a thin layer of chocolate that reminded me a bit of the inside of an under-cooked brownie. The taste is similar to one and doesn't have any crunch to it, just a thick chocolate texture. One the plus side, you'll only need to eat one or two of these to satisfy your need for chocolate so the pack should last a while even though there are only about 20 cookies in it at 75 calories each.

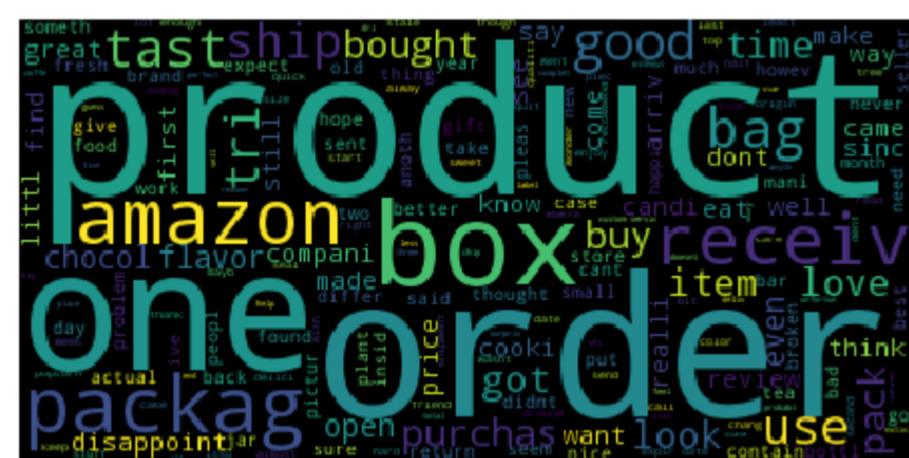
9131 Easy-peasy. Not necessarily good for the environment, but a girl's gotta have her Joe fast, and fast it is.

9133 Bought this recently to try on my face. I love it! It lathers up so creamy and rich and feels like I'm washing my face in a creamy lotion. Does not dry my skin out at all! I like the fact that it has 1/4 moisturizing cream in it. It makes my face feel so clean and takes my makeup off too, while softening it. Best bar soap I've ever used, and I'm not really a bar soap individual because I love the moisturizing effects of body wash. But...Dove bar soaps are just wonderful and they are not even like your typical bar soap...1,000 times better because they are so silky soft and moisturizing. I use this for my shower, too and it feels amazing on my skin! I highly recommend this beauty bar...well worth every penny!!!

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 3

10868 Well, it looks like they took my review off from last week. So, I will re-enter it. After buying 3 1 lb bags for all uses, my family decided to try a handful and everyone stated their throat burned including me. The company said they will refund my money and said they don't have preservatives in them. But, something is wrong. Your throat shouldn't burn after eating a handful of walnuts. Guess that is why they are such a good bargain.

10872 I bought this item while browsing for Pecan Sandies. I'm a senior who likes to keep "stocked up". Also I'm on low end of Soc.Sec. and don't have a car. I loved these cookies and am subscribing to them. The cookies arrived in 6 12-oz packages and not a broken cookie in the bunch.

10875 I first discovered "Gosh that's good" sugar free chocolate up in Alaska at a coffee drive-through. It made my mocha AMAZING. It's SO HARD to find a good sugar free chocolate for coffee. After leaving Alaska I searched and searched...thank you for having your product on Amazon!

10888 Very unsatisfied I got it two days later which wasn't a problem but when I opened it it was a blob in a bag you couldn't even tell it was suppose to be a gummy bear

10902 The chocolate had softened then re-hardened at some point between factory production and getting to me. It's possible they were boxed up as failed quality control stock and then sold to Amazon. Who knows? Because of this, they arrived all misshapen - hard but having taken on the pattern of the foil wrapper. There was also no difference between the shell of the chocolate and the truffle inside. In effect, they were misshapen balls of white chocolate that had none of the 'crunch' effect Lindt balls usually have. Don't buy them.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 4

10344 My dog loves these treats. He waits for them every night. I did see an improvement w his teeth! He was having a bit of sensitivity w his teeth because he is old. it has been over 3 weeks of giving him these and now he uses his teeth more.

10357 I had switched to this food due to the possibility of another food intolerance in one of my cats. My cats have never been picky eaters, but none of them were particularly thrilled with this food. They used to run to mealtimes but that basically ended with this food and it was like pulling teeth to get one of them to eat at all. I was not a fan either--the food basically crumbled to dust, and who wants to eat powder? I switched them to the Wellness salmon-based food and they LOVE that.

10371 My dogs love these pumpkin and apple crunchy treats, and I like the smell and ingredients. My dogs are under 8 lbs, so I do break the treat in half to keep them from trying to swallow them whole. Had a little glitch with the shipment, but one call and their customer service was immediate and beyond my expectations.

10390 These are great treats for bedtime - I give my 30lb dog 1/2 a treat just before she goes to bed. She absolutely loves them! Have seen reduced plaque build up and she just

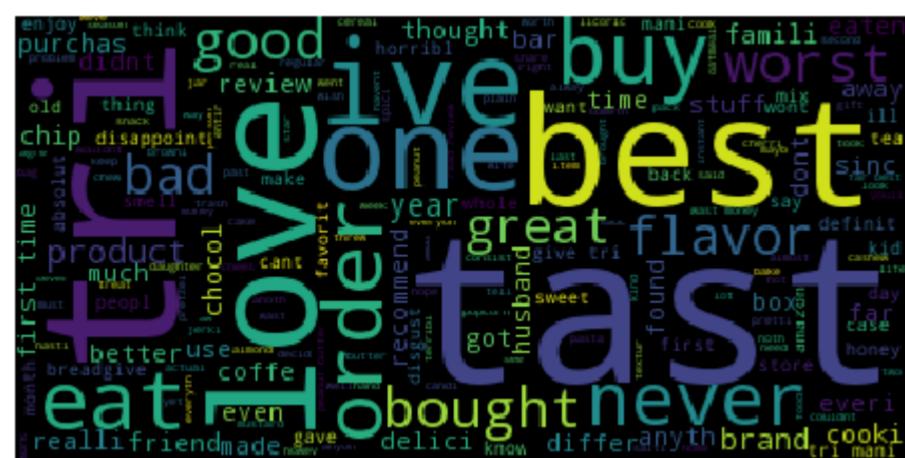
Digitized by srujanika@gmail.com

10394 These are great treats for training as they are small, about the size of a penny/nickle. My dog can't have grain so these are perfect for her. I also love that they are made in the USA. Considering that they are grain free and made in the USA the price is certainly reasonable. I'd say you get about 20 per bag.

Name: Reviews dtype: object

\*\*\*\*\* Cluster 5 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 5

9377 Got these for my son's bday party, They are very pretty to look at, but I was disappointed that it has no real great taste...

9395 This steak sauce is the best I've ever had. Delicious taste with just enough kick. Kind of expensive, but worth every penny. I've tried many others but always come back to Ring of Fire!

9565 I've tried many kinds of protein bars and these are by far the worse tasting. I'd never buy them again.

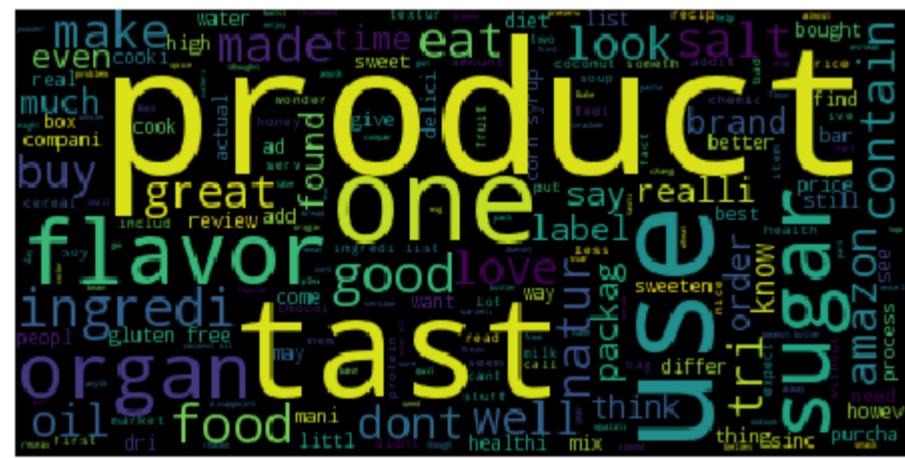
9587 This Legacy Oat flour was the worst tasting I've ever tried. Leaves such a bad after taste. I can't even use it.

9704 I have tried several different brands. This one is the best with consistency of quality and flavor. I love them

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 6 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 6

9731 This was the first time I tried purchasing a food product over the internet, and as feared I was sent something other than what was pictured.  
This package contains Chia Seed POWDER, which I assume is ground up seed (or the remainder from packaging whole seeds) that you have no way of identifying whether or not has additional filler.  
Not going to bother returning a \$7 product, but just disappointed when the page advertises whole seeds.

9741 The ingredients are different from the label. I ruined a chicken with this seasoning which is so salty as to be indigestible. Salt is listed as the first ingredient but in the description Garlic is listed first. Terrible seasoning.

9795 In my personal opinion, this is basically an overly processed fatty salad dressing made from a soybean oil base. I love Mexican food generally and salads, but was put off by the label showing such a high fat content (11 grams for just a couple tablespoons) and also the chemical preservatives listed on the label that I cannot pronounce. I tasted a wee bit on my finger and was kind of shocked by that strong "natural smoke flavor" and the vinegary, salty and bitter taste on my tongue. I noticed a little chili heat, which I like. Since I was making homemade tostadas with fresh chopped lettuce, tomatoes, cheese, onions, guacamole, pico, sour cream and beans on a corn tortilla, I thought this would be the perfect compliment. All I can say is that for me it is not worth the dietary failings of the product as I don't like the strong smoke taste, even once tossed with a lot of fresh ingredients, and it is high in fat and preserved. I would much rather spice up my fresh guacamole with cayenne/chili and know that the fat I am getting is a more healthful type. I will not be buying this product.

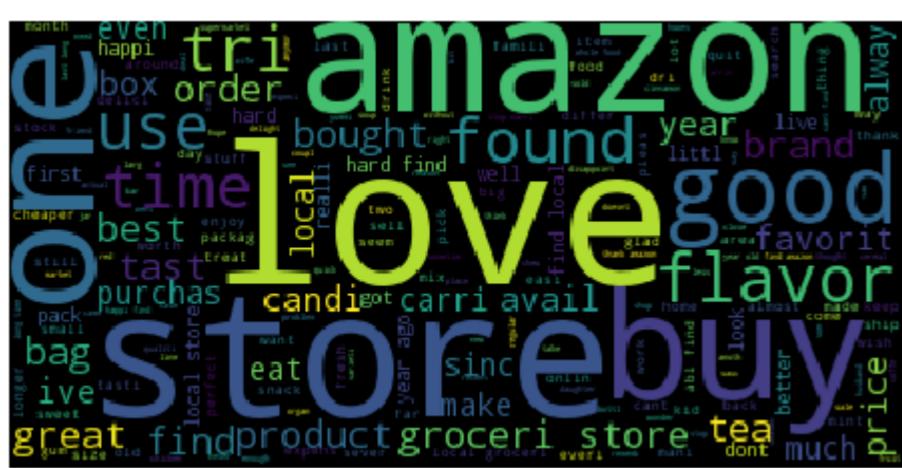
9799 These taste like cardboard. These are the worst. I can't give them away. Here is a better low carb snack option: [Pecanlers Deluxe Whole Cashews with Pure Sea Salt, 2 lb Units, \(Pack of 2\)](http://www.amazon.com/gp/product/B001EPQVFS)

9802 Well I love this cheerries..... Now @ our Wal Mart they sale these cherries on a seasonal bases & they seem dry... But then I ordered them from this company & they seemed to have more moisture than those from Wal Mart.... I'd definitely buy again.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 7 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 7

9074 I love these things. They are the exact same thing I would always buy at a German specialty store around 40 years ago. They are salty licorice candy - if you like black licorice you would probably love these.

9082 It's a great project, my daughter has been using this for the past 3 years and even though it's expensive it works for us...

9097 Had these as part of an appetizer at a Florida restaurant. Had to have them! Searched local gourmet stores with no luck. I found them online and ordered a jar. They can be served with savory or sweet dishes. They are by far the best jar cherries you will ever eat. Just wish they weren't so expensive. Save for a treat.

9099 I miss the General Foods International Sugar Free Chai Latte Drink - but not enough to pay over \$10.00 a can when/if you could find it, also knowing since it is no longer produced... what you find is of old stock. I looked everywhere to find something that is as good and I did find the David Rio Orcha Spice Sugar-free Chai. It is good and easy to find on the intranet.

9121 I was looking for a new cereal to enjoy, since Product 19 can't be found on grocery store shelves anymore. I know Kellogg's is really pushing the "Special K" diet and all, but this is the worst tasting cereal I've ever had. After I choked down most of the first bowl I immediately pitched the rest in the trash. Thanks Amazon for making Product 19 available; wish I had thought to look here earlier before buying the Special K Protein Plus.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 8 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 8

10467 This is a great mid morning coffee, best for drinking after I have already had my jet fuel. It is a medium strength coffee, but has great aroma and flavor.

10470 It seemed like a good idea to get your Vitamin B for the day in your sweetner (20% in one packet, 100% if you use 5)but this one has a distinct smell of a vitamin B capsule that is not very pleasant. I'd rather not smell it first thing in the morning with my morning coffee. Also the powder sticks a little to the aluminum lined packet and must be opened carefully. The paper packets can be tapped to shake the powder to the bottom but in this one it clings to the inner part so you have to open carefully to avoid spilling. The lining is due to needing more protective packaging due to the additives in the product. I'd rather just use regular Splenda and take my vitamins separately.

10486 This Barista Prima Italian roast is suppose to be full bodied with a sweet edge. It is not. It is Medium-Bold (not extra bold), and has a bitter taste and a distinct aftertaste. Milk & sugar help, but the bitter and aftertaste are still there.  
[Tully's Coffee Italian Roast, 24-Count K-Cups for Keurig Brewers \(Pack of 2\)](http://www.amazon.com/gp/product/B001ELL512) is a much better choice if you want a good Italian blend.  
Disclosure: I received this kcup in a free sample pack mailed by Keurig to its customers.

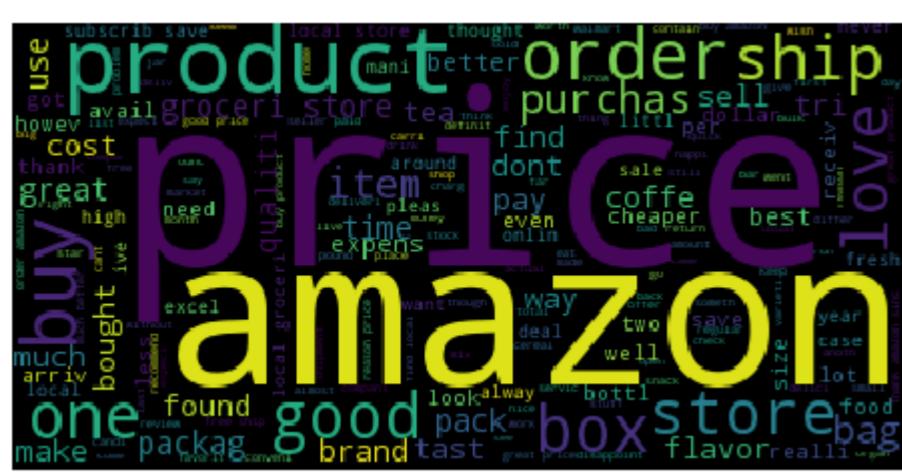
10494 I recently purchased an 11 oz. bag of whole bean Seattle's Best Level 3 coffee. The bag described it as a "medium" roast. As I don't care for the usually burnt, bitter tasting darker roasts I previously tried, I thought I'd give this a try. When I first opened the bag, I was struck by the very dark appearance of the beans and a burnt odor. I was skeptical that I would care for this coffee at this point, but decided to try it anyway. Unfortunately, my fears were confirmed when I actually tasted the coffee -- first black and then with sweetener and milk. The bitter, burnt taste was very pronounced and this was at less than half the recommended brew strength, i.e., 3 level tablespoons for 8 cups. If this is in fact "medium roast" coffee, I really don't want to know what the "dark roast" is like. I will not be buying any more Seattle's Best coffee.

10503 This is a very good full body coffee, for a decaf it's a good choice. I prefer a dark roast coffee, this coffee is very close to what I consider the ideal roast.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 9 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 9

9358   Organicville is simply amazingly delicious ketchup. It is sweetened with agave which is much sweeter than sugar but better for you because of its low-glycemic index. I wanted to buy a 4-pack of Organicville Ketchup from Amazon.com hoping that it would be cheaper. It's not! It's a lot cheaper at my local supermarket!

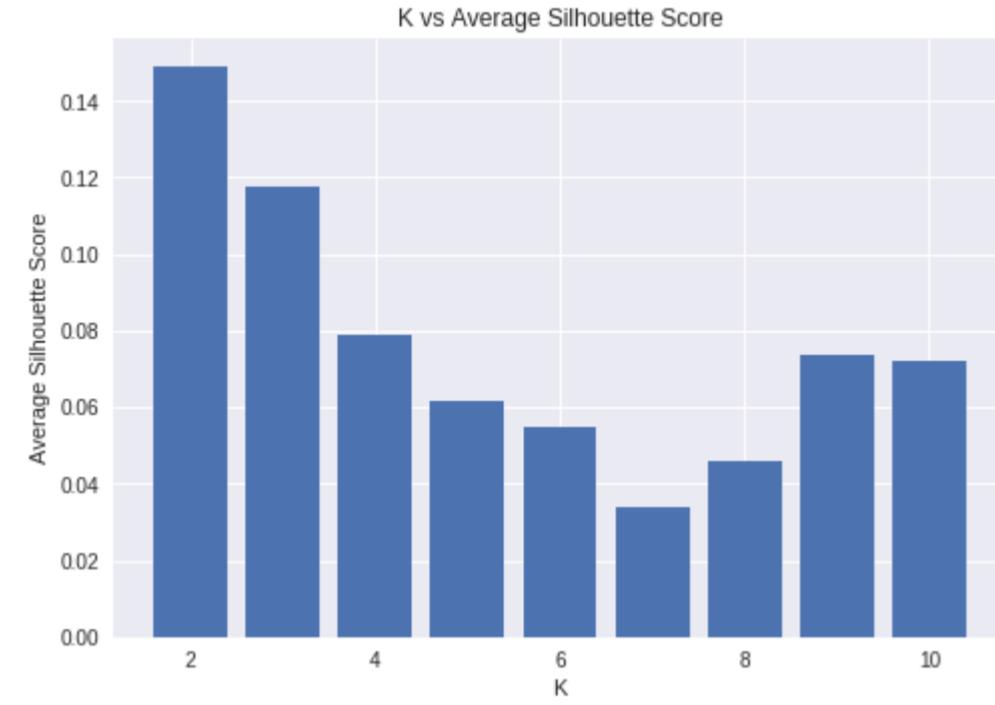
9362   SHIPPING WAS PROPPMT, BUT WHEN I OPENED THE BAG & TRIED IT, IT WAS ALL STALED. I COULD NOT EAT IT. DO NOT BUY THIS ITEM.

9363   LOVE Gu and love GU roctane. Price is right and shipment was super fast. So easy to buy on Amazon THanks!

9374   Tastey and very fresh, I love the resealable container. Great for a gift or yourself. Also a very good price compared to local stores.

9383   Our cat just loves this product. It was great on a treat on top of her regular food. It is always hard to find in our pet store. So good ole Amazon comes to the aid. The price is great and the shipping super. Saves also on gas.

Name: Reviews, dtype: object



The average Silhouette value of K = 2 is 0.14893290330283254  
The average Silhouette value of K = 3 is 0.11767534666359693  
The average Silhouette value of K = 4 is 0.07901002335614035  
The average Silhouette value of K = 5 is 0.06173425105982789  
The average Silhouette value of K = 6 is 0.054991779708370214  
The average Silhouette value of K = 7 is 0.03371072619218367  
The average Silhouette value of K = 8 is 0.04594872763232674  
The average Silhouette value of K = 9 is 0.0737712611151268  
The average Silhouette value of K = 10 is 0.07219543981423751

We can observe that K = 2 has the highest average silhouette score of 0.14893290330283254.

The wordcloud and reviews for K = 2 is already output above.

Observations:

1. Wordcloud and reviews are printed for k values of 2, 5, 10 to get a sense of what's going on with the data.
2. Silhouette scores are plotted for each values of k ranging from 2 to 10. It is observed that k=2 has the highest average silhouette score, hence we declare that k=2 is the best suited number of clusters.
3. Since the average value of all the silhouette scores is around 0.07, so almost all k values except 5, 6, 7, 8 can perform reasonably well.
4. When k=2, cluster 1 has 16643 elements compared to 3357 in cluster 0.
5. Two medoids are formed and their reviews are printed above.

## TFIDF Word2Vec using K Means

```
In [0]: import pandas as pd
final = pd.read_csv("grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(30000) #Gets 30000 reviews of positive and 20000 negative scores
neg_2000 = neg.sample(20000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
scores=grouped_data['Score']
print("The shape of grouped data is {}".format(grouped_data.shape))
```

The shape of grouped data is (49997, 12)

Observations: A csv file is imported which consists of 200000 data points. These data points are already sorted on the basis of time. We create a new dataframe with over 50000 data points.

```
In [0]: list_of_sent=[]
for sent in grouped_data['CleanedText'].values: #Splits sentences into words and stores it in a list
    list_of_sent.append(sent.split())
print(grouped_data['CleanedText'].values[9])
print("*****")
print(list_of_sent[9])

buy neighborhood supermarket realli best soymilk best flavor best textur everyth
*****
['buy', 'neighborhood', 'supermarket', 'realli', 'best', 'soymilk', 'best', 'flavor', 'best', 'textur', 'everyth']
```

```
In [0]: w2v_train=Word2Vec(list_of_sent,min_count=5,size=200, workers=4) #Initialises the Word2Vec model with words occuring more than 5 times.
```

```
w2v_train_words = list(w2v_train.wv.vocab) #This gives a dictionary of words which tells about the uniqueness of a word among other things.
print("number of words that occurred minimum 5 times ",len(w2v_train_words))
print("sample words ", w2v_train_words[298:315])
```

```
number of words that occurred minimum 5 times  9580
sample words  ['color', 'vibrant', 'amount', 'goe', 'far', 'thing', 'like', 'point', 'roast', 'drink', 'northern', 'itali', 'espresso', 'vienna', 'southern', 'use', 'french']
```

Observations: Word2Vec model is built. We can see the number of times a word occurred minimum 5 times.

```
In [0]: tf_idf_vect = TfidfVectorizer(ngram_range=(1,2))
vocab_tf_idf = tf_idf_vect.fit_transform(grouped_data['CleanedText'].values)
tfidf_feat = tf_idf_vect.get_feature_names()
dictionary = dict(zip(tfidf_feat, list(tf_idf_vect.idf_)))
```

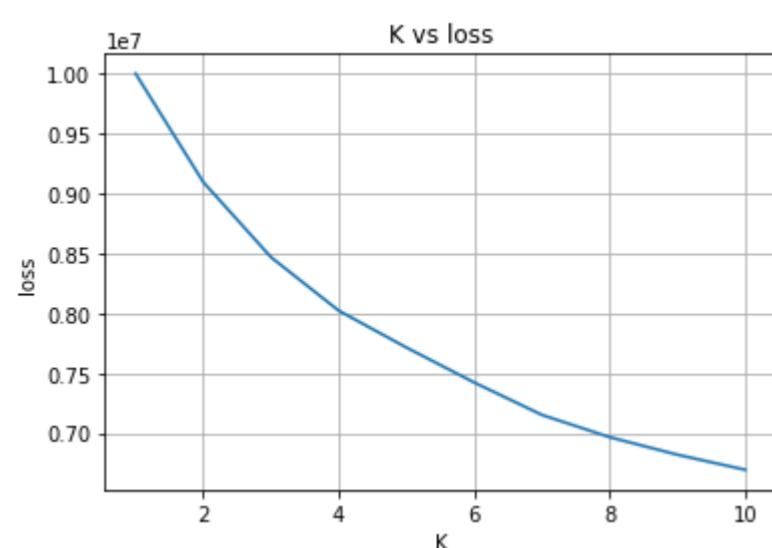
Observations: We build the vocabulary of TF-IDF on train data and obtain the vectors.

```
In [0]: sent_vectors = []; # the tfidf-w2v for each sentence/review is stored in this list
row=0;
sent_list = []
for sent in grouped_data['CleanedText'].values:
    sent_list.append(sent.split())
for sent in sent_list: # for each review/sentence
    sent_vec = np.zeros(200) # as word vectors are of zero Length
    weight_sum =0; # num of words with a valid vector in the sentence/review
    for word in sent: # for each word in a review/sentence
        if word in w2v_train_words:
            try:
                vec = w2v_train.wv[word] # obtain the tf_idfidf of a word in a sentence/review
                tf_idf = dictionary[word]*sent.count(word)
                sent_vec += (vec * tf_idf)
                weight_sum += tf_idf
            except:
                pass
            if weight_sum != 0:
                sent_vec /= weight_sum
    sent_vectors.append(sent_vec)
    row += 1
print(len(sent_vectors))
print(len(sent_vectors[0]))
```

```
49997
200
```

```
In [0]: data = StandardScaler(with_mean=False).fit_transform(sent_vectors)
```

In [0]: k\_means(grouped\_data,data)



Enter the value of K observed in the above plot: 3

Performing K means on K= 3  
Done!Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:

```

0    21984
2    21176
1     6837
Name: Clusters, dtype: int64

```

\*\*\*\*\*

\*\*\*\*\* Cluster 0 \*\*\*\*\*

Plot of Word Cloud



Printing 7 random reviews from cluster 0

0 The label on Frank's Hot Sauce says "The Perfect Blend of Flavor and Heat" and I must say this is an accurate description of the product.  
Frank's Hot Sauce is outstanding. It's a Cheyenne Pepper based hot sauce that is not too hot, not too sweet, but has just a perfect blend of "flavor and heat." It's not like Tobasco sauce which is very hot and you sprinkle on items. It's a different kind of sauce (I love Tobasco). Frank's is a hot sauce you can use more liberally to your liking because, while it's hot, it's not so hot you can't really dig into it and enjoy the rich flavor and spices.

I like to use this sauce to dip chicken tenders in, but you can also use it to cook buffalo wings, put it on eggs, French fries, burgers, whatever you like.

This size really is way too small to purchase. If you like hot sauce you will be done with this size bottle in no time and kick yourself for not buying a larger, more economical size.

I highly recommend this hot sauce.

0 The label on Frank's Hot Sauce says "The Perfect Blend of Flavor and Heat" and I must say this is an accurate description of the product.  
Frank's Hot Sauce is outstanding. It's a Cheyenne Pepper based hot sauce that is not too hot, not too sweet, but has just a perfect blend of "flavor and heat." It's not like Tobasco sauce which is very hot and you sprinkle on items. It's a different kind of sauce (I love Tobasco). Frank's is a hot sauce you can use more liberally to your liking because, while it's hot, it's not so hot you can't really dig into it and enjoy the rich flavor and spices.

I like to use this sauce to dip chicken tenders in, but you can also use it to cook buffalo wings, put it on eggs, French fries, burgers, whatever you like.

I like this size because I use a lot of it and it goes fast at smaller sizes.

I highly recommend this hot sauce.

0 The Raw Revolution 'Raspberry & Chocolate' bar is quite excellent! This bar has the sweet tanginess of raspberry combined with a deep, full bodied chocolate, similar to a dark chocolate. I highly recommend the 'Raspberry & Chocolate' Raw Revolution bar!

0 The 'Raw Revolution' Coconut Agave bar tastes very good, with a flavorful and satisfyingly fresh coconut taste and texture, and the right amount of sweetness. If you enjoy coconut, you'll enjoy this bar, as well as the 'Chocolate & Coconut' flavor. All of the flavors in the 'Raw Revolution' product line are excellent!

0 It really does taste like homemade popcorn on the stove! Just the right amount of salt!

0 I have been buying this mayonnaise for at least ten years. The stuff makes my potato salad sublime. Great on fish too.

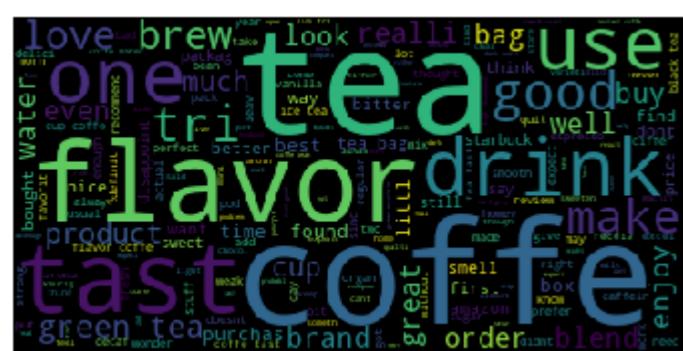
0 Great tasting organic product! I have been on a somewhat organic diet since I was a child. My parents always had an organic garden and now I have one. My son also loves organic food and this was a great alternative to regular store brands.

Adding organic sour cream or extra cheese to it just enhances the taste. Amazon is a great way to purchase this product if you do not have a Fresh Market or a health food store in your area.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

Plot of Word Cloud



Printing 7 random reviews from cluster 1

I just got the Padfilter and the first time I tried it the coffee was a little weak. But, that was my fault because I packed the coffee in there. After that I filled it, but with room to spare. To better understand, fill it and close it, if you can shake it and hear the coffee moving around, then you have it right. After doing it that way from the second time on, I have had one great cup after another! And yes, you do get the creamy foam! I have been using Starbucks Sumatra and it comes out tasting great! The only reason for not giving it 5 stars.....Because if you have a big mug, you have to fill both pods and run the machine twice. But that's just me.

1 Sample this box of 10 teabags. It's a lovely sweetish, spicy tea that's great hot or cold.

1 This was my first purchase of Celestial Seasonings tea, but definitely not my last. The Honey Vanilla Chamomile tea tastes superb and I can't wait to try their other flavors. Although they call it "honey vanilla" chamomile, the orange peel dominates the taste, but this is not a bad thing (if you like orange ;-). Good packaging and competitive pricing (especially when compared to Twinings) as well.

I have tried many kinds of tea, and quite honestly don't like many. However, the tea I tried before wasn't fresh. I know now, because I bought this tea. Potent and aromatic, just opening the small twist-tied bag shows just what quality this tea is.  
1.6 oz for \$17 may seem incredibly pricy for some, but honestly, you won't go back to drinking the cheap stuff ever again. Also, you don't need much to make a couple usable infusions.  
Flowery and light, this tea smells, looks, and tastes fresh in every cup. It would be easy to overload with the amount of tea used... so try no more than a pinch for a 12 oz cup. You may have to wait a few minutes, but the result will be fine.  
This supplier and this tea will not disappoint. Fast shipping, excellent quality.  
I will be buying my tea from them from now on.  
\*edit(5/16/08): fixed embarrassing spelling mistake.

1 Wonderful additive for your coffee, especially when travelling (and you never know the quality of coffee you are going to get in the hotel).

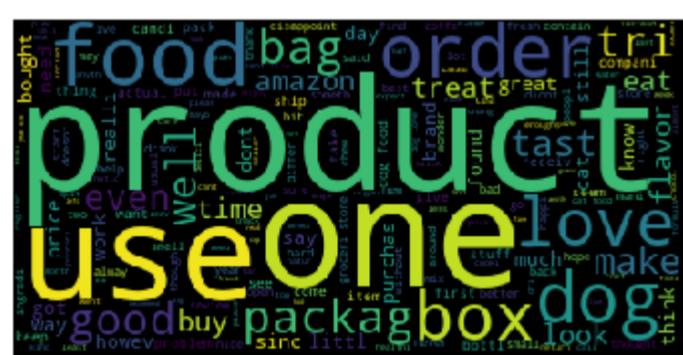
1 Maybe it is just my personal taste, but I have tried close to all of the Senseo pod flavors and this is the only one I regret buying. I generally like dark coffee, such as Yuban. However, I will never purchase this flavor for my Senseo again.

1 This is in my opinion by far the best Earl Grey Tea in the Market. Loose tea is significantly better in taste than the tea bags from the same manufacturer. The 6 pack is a great deal.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 7 random reviews from cluster 2

Although I like to consider myself open to 'cultural cuisine', I found myself spitting this stuff out - after paying about \$6 for it at a international marketplace. My significant other did the same. I like salty stuff, and I love licorice, but this was just plain nasty. Not only was it too salty, but it had a terrible rubbing-alcohol-type flavor that went up to my nose and made me wonder if perhaps the candy had been tampered with or manufactured incorrectly. I went online and read some other reviews...other people have had similar experiences. I guess it's one of those acquired tastes that has to be developed early. Oh, those Dutch!! I love 'em (but hate this "candy")!

2 The is a great tea .... unfortunatly this is not carried by all food markets.

2 Do not buy Crunchies products in the Hot summer months. They are heat sensitive. As the packaging states "IMPORTANT- STORE IN COOL DRY AREA". The two cases I purchased arrived chewy and clumped together. They probably cooked during shipping and are not a "Raw Food" and not as "Nutritious" anymore. Two of the bags were more bits and powdered fruit clumps than chunks of fruit and one was opened. Amazon.com does not accept grocery returns. It was a waste of \$40.

2 This is the best. My husband is a chef at a national hotel chain and he uses this all the time. We call it crack in a bottle, because it's as addictive as crack! Do yourself a favor though and go to Kroger where it only costs \$3.79 for the same size bottle!

2 I love the dark roast but the Target near my house has the 18-packs for \$3.83 each. So it's cheaper to go to Target.

2 I had high hopes for this product, but was very disappointed. It was STALE and very salty. Oh Well; Live and Learn.....

2 This is one of the best dog foods on the market. It saved me quite a bit of money to order it directly through Amazon rather than try to find it locally.

Name: Reviews, dtype: object

### **Observations:**

1. Through the elbow plot it can be observed that  $k = 3$  can be considered as an optimal K value.
  2. Cluster 0 has 21984, cluster 1 has 6837, cluster 2 has 21176 data points.

## TFIDF Word2Vec using K Medoids

```
In [0]: import pandas as pd
final = pd.read_csv("drive/grouped_data_200.csv")
p = final.groupby('Score')
pos = p.get_group('Positive') #Gets the groups with Positive score
neg = p.get_group('Negative') #Gets the groups with Negative score
pos_2000 = pos.sample(12000) #Gets 30000 reviews of positive and 20000 negative scores
neg_2000 = neg.sample(8000)
grouped_data = pd.concat([pos_2000, neg_2000], ignore_index = True) #This data now contains positive and negative data in order.
grouped_data.dropna(inplace = True) #Drops rows with Nan
grouped_data.reset_index(inplace=True) #Replaces missing indexes
grouped_data.drop(['Unnamed: 0', 'Unnamed: 0.1'], axis=1, inplace=True)
grouped_data = grouped_data.sort_values('Time', axis=0, ascending=True, kind='quicksort')
scores=grouped_data['Score']
print("The shape of grouped data is {}".format(grouped_data.shape))

The shape of grouped data is (20000, 12)
```

```
In [0]: list_of_sent=[]
for sent in grouped_data['CleanedText'].values: #Splits sentences into words and stores it in a List
    list_of_sent.append(sent.split())
print(grouped_data['CleanedText'].values[9])
print("*****")
print(list_of_sent[9])

ive tri mani packag chai product liquid dri soy etc actual enjoy chai nation chain coffe store dont care coffe receiv excel must made water sweeten littl tast horribl what eve
n better caffen free usual drink night instead coffe
*****
['ive', 'tri', 'mani', 'packag', 'chai', 'product', 'liquid', 'dri', 'soy', 'etc', 'actual', 'enjoy', 'chai', 'nation', 'chain', 'coffe', 'store', 'dont', 'care', 'coffe', 'recei
v', 'gift', 'excel', 'must', 'made', 'water', 'sweeten', 'littl', 'tast', 'horribl', 'what', 'even', 'better', 'caffein', 'free', 'usual', 'drink', 'night', 'instead', 'coffe']
```

```
In [0]: w2v_train=Word2Vec(list_of_sent,min_count=5,size=200, workers=4) #Initialises the Word2Vec model with words occuring more than 5 times.
```

```
w2v_train_words = list(w2v_train.wv.vocab) #This gives a dictionary of words which tells about the uniqueness of a word among other things.
print("number of words that occurred minimum 5 times ",len(w2v_train_words))
print("sample words ", w2v_train_words[298:315])
```

```
number of words that occurred minimum 5 times  6345
sample words  ['creami', 'citi', 'theyr', 'thick', 'starchi', 'put', 'blender', 'anyth', 'resembl', 'gravi', 'american', 'outsid', 'south', 'realli', 'sit', 'shelf', 'second']
```

Observations: Word2Vec model is built. We can see the number of times a word occurred minimum 5 times.

```
In [0]: tf_idf_vect = TfidfVectorizer(ngram_range=(1,2))
vocab_tf_idf = tf_idf_vect.fit_transform(grouped_data['CleanedText'].values)
tfidf_feat = tf_idf_vect.get_feature_names()
dictionary = dict(zip(tfidf_feat, list(tf_idf_vect.idf_)))
```

Observations: We build the vocabulary of TF-IDF.

```
In [0]: sent_vectors = [] # the tfidf-w2v for each sentence/review is stored in this list
row=0;
sent_list = []
for sent in grouped_data['CleanedText'].values:
    sent_list.append(sent.split())
for sent in sent_list: # for each review/sentence
    sent_vec = np.zeros(200) # as word vectors are of zero length
    weight_sum =0; # num of words with a valid vector in the sentence/review
    for word in sent: # for each word in a review/sentence
        if word in w2v_train_words:
            try:
                vec = w2v_train.wv[word] # obtain the tf_idfidf of a word in a sentence/review
                tf_idf = dictionary[word]*sent.count(word)
                sent_vec += (vec * tf_idf)
                weight_sum += tf_idf
            except:
                pass
            if weight_sum != 0:
                sent_vec /= weight_sum
    sent_vectors.append(sent_vec)
    row += 1
print(len(sent_vectors))
print(len(sent_vectors[0]))
```

```
20000
200
```

```
In [0]: data = StandardScaler(with_mean=False).fit_transform(sent_vectors)
```

```
In [0]: D = pairwise_distances(data)
```

```
In [0]: implement_kmedoids(grouped_data,data,D)
```

===== When number of clusters is 2 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

```
The number of reviews in each cluster is:  
0      12501  
1      7499  
Name: Clusters, dtype: int64
```

\*\*\*\*\*

The number of Medoids formed are 2

We learned about this product from friends and loved it. Later, we visited the Messina Hoff Winery in College Station/Bryan, Texas, where they used it during wine tasting and also sold them for \$50 for the aerator and \$55 for the tower that holds the aerator. We researched the product and although there are different ones out there that claim to serve the same purpose, the Venturi seems to be the best for the job, which is probably why the winery prefers it to make their wines taste even better. People were purchasing them frequently

At first bite, the dusting makes these guys a bit bitter, but they you enter a world of a miniature version of a lava cake in terms of a dark chocolate richness that cannot easily be beat! These truffles are so very good without being addicting (so, given a serving--5 pieces--is 19 grams of fat, you won't engorge). They are great to bring as a treat to social gatherings because the box has two packages, so you kinda don't want to keep them at home and risk that they go bad if you don't eat them quickly or that you do eat them all and

\*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 0

10187 As a family, we started using Cytomax while training for a backpacking trip into the Grand Canyon, back in the Winter/Spring of 2006. It was recommended to us by the owner of the local high-end bicycle store.  
  
The flavor is smooth, and the drink doesn't leave you with that cotton-mouth feeling that even water can produce, especially when it's hot. I'll warn you up front, this stuff is addicting. Once your body gets a taste of it, you WILL NOT exercise again without it. In fact, just the smell of the powder while you're mixing it will trigger a pavlovian response that you suddenly have the urge to go do something strenuous, and, you just want a huge drink of Cytomax. Weird, I know, but true.  
  
About the flavors. We've found the Cool Citrus to be the smoothest, truest, taste. Sort of a nice lemonade flavor. To us, all of the other flavors have some sort of a weird before, or after taste. For example, the Tangy Orange has sort of a powdery thing going on. The fruit flavors like the punch and the grape have a perfume thing going on. We haven't tried the apple or the chocolate, and won't.  
  
I'll be honest and say that I'm not loving the "Natural" and now I see it's coming with "Stevia" as the sweetener. Haven't tried the stevia version yet, and really, I'm not interested. Personally, I don't think the "natural" is as good as the original, definitely doesn't taste as good.  
  
Now for my "Cytomax Story."  
  
In August of 2006 we did our first backpacking trip into the Grand Canyon. We didn't drink anything but Cytomax. It was brutally hot down in the gorge, and being first timers, we not only brought a ton of stuff, but we brought a ton of heavy stuff. We just about got laughed off the shuttle bus because our packs (especially mine) were so stupid huge. Seriously, picture a Low Alpine 75L pack filled to the brim, to the point that it has to be bear hugged, lifted up onto a rock, and then backed into, in order to put it on! What can I say, we were rookies.  
  
The cytomax kept us alive and well, but the real story is that during the hike out, we came across a young couple on the Bright Angel Trail, somewhere below 3mi House. As is typical for the Bright Angel, they were in tank tops, tennis shoes, no hats, and had come down with a 16 oz bottle of water, each. It was 100\*F+, and the girlfriend was broke down on the side of the trail with heat stroke. The boyfriend was talking about how he was going to run to the top to get her a soda. She was angrily complaining about what she would and wouldn't drink (one of the signs of heat stroke is lack of good judgement). I filled her 16 water bottle with Cytomax, and told her she could drink it, or wait for a helicopter. She decided to drink, and in about 10 minutes her lights came back on. We gave them both some snacks that we had, saw them one more time at one of the other rest houses, and I think they beat us out to the top! Seriously, that's how great Cytomax is.  
  
We use it year round now, for whatever exercise or sport we are doing, whether individually, or as a family. It's gone with us to the Grand Canyon, 5 years in a row, including just last week where my 70 year old mom went with us, rim-to-rim in 3 days, fueled by Cool Citrus Cytomax!

10188 This is a wonderful tasting water, however, it does NOT ship well..... the water is packed so poorly that when it arrives you will have a soggy box containing water that still has the security stickers on but is missing water. It must sit somewhere getting hot because the water (when shipped in bulk) tastes like plastic if you can even get a bottle that isn't leaking. DO NOT waste your money. It's a shame because the water is an extraordinary quality water, but it just does not ship well with the current packaging.

10189 I have used this cocoa for a few years. The recipe on the box for brownies has always gotten me tons of compliments and it is a brownie like no other I've ever made....I buy this at a local store and it is cheaper than Hershey's cocoa and frankly better tasting, richer.  
I use this in any recipe calling for cocoa and it makes a great cup of hot cocoa too.

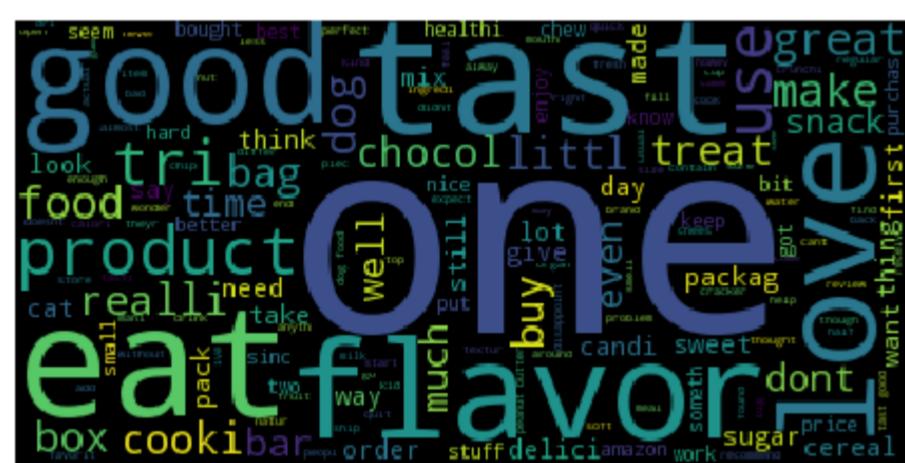
10192 okay this review would be about how it tasted but it never arrived at my door...i ordered it and they didnt even send it eww.this site sucks balls.they didnt even refund my money when i talked to them.ewwthis site sucks and i hope it gets shut down.VERY VERY SOON!!!! EWW!!!!!!ps i rate them negative 1000

10194 I was hopeful that the Xylitol products would be good for teeth which is true. However you ingest the stuff. It has anti-bacterial properties.  
Your digestive system depends on bacteria to function properly. Ingesting more than 1 or 2 pieces of gum or mint, starts interfering with this process. Result is gas, diarrhea, etc. It's not nice. I ended up starting with Yogurt again so I could recover.  
Xylitol cannot be used in making bread either it starves yeast as well as bacteria.  
Sorry, but it sounded too good to be true, didn't it???

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

9709 Win-win solution for training treats when I forgot to make a new batch. These are semi-moist so the dog doesn't have to chew them, and he loves them so they do make working worth it for our dog.

9712 These took FOREVER to ship and when they did arrive they were not as durable as advertized. Was looking for a bone to keep our dogs busy, these were more like a snack.

9713 This is a great food for the dieters, as far as tast it will be what you make out of it !!! Just make sure you read on how to make them "cooked" :) before you disappoint y our self with a fish smell it naturaly have, and could almost wash off with water. It is a great product 0 cal 0 fat 0 everything, and if you can just add a 20-100 cal of tast to t hem of anything you like to eat it will fill you up for dinner !!! 100 cal Dinner !!!Great for diet!

9715 You know those soft chips ahoy cookies that you so love? These are not those.  
These are smaller than those, stuffed with some plasticy-tasting 'fudge' that's actually pretty solid. Maybe like a brick of fudge but less yummy?  
It's 4 points plus for 2 cookies if you're doing Weight Watchers and TOTALLY not worth it.

9717 Two of my dogs were having occasional seizures. So with a little research, I was told to give them foods/treats low in preservatives. At first some of my dogs were not too crazy about the blander taste, but they soon adapted. It's been about 3-4 months since I made the switch to low preservative foods, and I've witnessed no more seizures in my dogs.

Name: Reviews dtype: object

===== When number of clusters is 5 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:

3 7464

1 3994

4 3710

2 2958

0 1874

The number of Medoids formed are 5

Printing Medoid reviews

Maxwell House makes a good, mild coffee. This one is great to have on hand and suits most tastes. I like to serve coffee after dinner and most of my guests choose decaf. I wish there was a vanilla decaf as well.

Since the sister product GoLean Crunch feels like chewing on a cluster of pebbles, I prefer this one which is much nicer on the crunchiness scale. If you are used to sugar loaded cereals, your taste buds will take some time to re-calibrate. But stick with it, and you will get there. To see why this is superior to other generic (and possibly cheaper) cereals, just look at the nutrition information.

I love coffee, but NOT this coffee! Really HORRIBLE! I drink decaf almost exclusively and have experience with many decaf brands and flavors. wish I could have returned the unopened bags, but ended up throwing them away instead. SO disappointing. I know there were reviews describing the horrendous odor and matching taste when I was considering this one, but they are no longer here. Describing it as something like "jungle dirt" would be kind. I would put it more like a bunch of wild monkeys being set loose in my mouth. BLECH!! spit, spit....It is funny how different we all are when I see people who LOVE this one and HATE others I think are terrific. LOL! Glad we are all different. It makes life fun.

This is one of the most marvelous items that I've purchased to date from the "Grocery" section of Amazon. These containers, which I think of as "motel morning" portions, are extremely convenient and quite delicious, presuming one is a Raisin Bran fan. Likewise, no matter how long the food stays in storage, my cabinets, or in the crate sitting in this cluttered abode's back room, I note that the little, light plastic, sealed containers never seem to let the bran or raisins go stale or lose their taste. I'm now working on my third crate of these little wonders. I suspect that most readers would skeptically snicker at this reviewer's infatuation with such a mundane product, but one should always take matters involving quenching of the munchies seriously, especially at an advancing age when the ol' love-beaten, soul-searching heart needn't be weighed down with the added burdens of fat, cholesterol, salt, sugars and other modern processed sludge.  
Rex Lewis Field

It seems today that folks expect mustard to be hot and only served on deli meats. Well, it is time to explore the OTHER, time-tested ways to enjoy a flavor-intensifying ingredient. Right up there with balsamic vinegar and fresh thyme, mustard is one of those crucial elements of fine cuisine. Pommery is recognized by Foodies to be the best mustard on the planet, and Pommery has several variations on their classic "mustard in a crock." This one uses ginger and other spices to give a more complex foundation to recipes calling for mustard. I wonder if "mustard macaroons" won't be the next It Food! Honestly, did you expect to see chocolate-covered bacon, or fennel-dusted chocolates? Well, be on the leading edge of the wave and load up on Pommery!

\*\*\*\*\* Cluster 0 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 0

9545 I buy this and a Kona blend for my brewer. I have tried many other brands and flavors but I always come back to this one. I "drown" my coffee with flavored coffee mates but still get a coffee taste from this one.

9550 For years while living in New Hampshire my hubby enjoyed his morning Green Mountain Coffee. After relocating to North Carolina it was difficult to find and now that I've ordered lots of K-Cups - he is smiling and enjoying his Green Mountain coffee!!

9574 I don't have a Keurig coffee myself but i buy Green mountain blends for my daughter in-law and a niece. We all are very satisfied with it. It's a great cup of coffee. Not too strong, not too weak and the price is right especially when they are on sale.I am very happy with my purchases from AMAZON. Not only coffee, but other items as well.  
Books, a very large selection, something for everyone. I will only buy the items that come directly from Amazon.  
The packaging is flawless,the shipping is always on time or earlier. Amazon is a good company to purchase from,I place my trust in them.  
Kay Raccuia

9585 This is a wonderful full bodied tea. I will never buy teabags again. But, having been a teabag drinker all my life, I did not realize how diluted it was until I tried loose tea. I would recommend using much less tea than their instructions say. I make it in a coffee maker which I use exclusively for tea and use 2 teaspoons blended with a teaspoon of blackcurrant tea per 12 cups. Following their instructions resulted in a tea that was bitter. Experiment till you find the proportions that suit you. It is well worth the experimentation.  
  
I drink as iced tea and when drinking hot, cream perfectly complements it.

9592 B004K7AII  
This is a great tasting coffee. It has a rich flavor and not bitter. To me, it is better than other brands. I ordered this with a subscription and will continue it.

Name: Reviews, dtype: object

## \*\*\*\*\* Cluster 1 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

9320 Tastes great. Good price. I eat them after lunch when I'm craving something sweet. Donuts and pastries mess up your diet, but these are great to get the sugar you crave in a low calorie treat. I get them through subscribe and save, best way to go.

9332     Awesome product, not on the shelves in our grocery store anymore. Love that I can get this through Amazon.com!

9333 I miss the General Foods International Sugar Free Chai Latte Drink - but not enough to pay over \$10.00 a can when/if you could find it, also knowing since it is no longer produced... what you find is of old stock. I looked everywhere to find something that is as good and I did find the David Rio Orcha Spice Sugar-free Chai. It is good and easy to find on the intranet.

9335 Strawberry is one of our favorite flavors of the fruit bars. we choose these due to them being sugar-free and with natural ingredients.  
They are a convenient snack you can take anywhere and everywhere. However, they are a bit sticky so you might need to wash your hands after.

9346 Grew up on this stuff as a kid. It was Mom & Dad's healthy cereal from the early 70's, but I acquired a taste for it. Sure, I had the usual Lucky Charms, Fruit Loops, and stuff, but I preferred this over any corn flakes cereal that I ever tried. Even Tony the Tiger's Frosted Flakes. Anyway, now in my 40's and I still prefer the taste, just that it is near impossible to find. Wal-Mart's been the only local place that normally carries and now starting to find it hard to find there as well.  
  
Wound up comparing labels to some of the uber expensive, mostly au natural, healthy stuff that my wife buys for the kids and good old Product19 was better in a lot of ways. I was shocked that I was eating the cereal that was better for you just out of luck. And Yes, it tastes better than those cereals too!  
  
Having been a long time Prime member, Subscribe & Save user, and now Amazon Mom's member, this is a no-brainer to get via Subscribe & Save here. Cheaper than buying locally and no wasted time running around to find it or missing it when you do find a place that still carries it. I highly recommend all three of those programs if you have no time to waste running around to different stores for those sometime hard to find items. Likewise, I recommend this cereal. I love it when my 2 and 5 year old ask for "Daddy's Cereal" because they like the taste, just as I did growing up.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

10706 This selection from Green Mountain is so far our favorite. The breakfast time aroma of real french toast with a hearty taste in a full bodied coffee. We can't keep it around - too popular. It is also very hard to find. Amazon has come through for us .... can't find it any other place.

10708 This package is amazing! So far I have tried 8-10 different flavored coffee k-cups and they have been great!<br /><br />Don't listen to that one post about the K-cups being expired! I got them and they don't expire for 6-7 months! That's plenty of time to drink all of that coffee.<br />Also the packaging that is came in was good, no damaged cups.<br /><br />This package may be a little expensive, but the person who is putting all of this together needs to earn a little money for their trouble! Also, what if you spent \$14-\$15 on a pack of 24 of some flavor you didn't like? This sampler allows you to try ones so that the other 23 don't go to waste.<br /><br />I love this so much, I am probably going to have to order another one!

10710 Dear Friends,<br />I ordered this pack and I received in good shape. I tried 2 packets (of the 12 pack) and both were pathetic(completly sour) in taste. The packing does say best before Mar 2012, and it is SPOILED and SOUR in taste(I am from India and have been drinking coconut water everyday for the last 6-7 years, so I know the taste of it). This might be due to high temperature in shipping from Brazil to my home(including all intermediate stops).I found Indian brand "Nirav" of good taste, and in future I would buy Nirav.

10711 To be fair, I like the roasty taste of this tea. However, it really isn't as strong as I like it to be. I had to use 3 teabags to get the strength of (what I usually get for) 1 teabag. Which makes this product quite expensive.

10736 I got a cup of this in a variety pack of K-cups. I'm glad I only got one cup of it, because I ended up pouring it out. It was awful - tasted like charcoal.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 3

10418 This is a mayo my hubby and I can agree on. I prefer the cheaper stuff from Trader Joes but he likes "regular" mayo from the grocery store. This is our good compromise - less fat and still a taste like "regular" mayo. But its mayo - its not made for daily consumption!

10422 My cats really love Holistic Select canned food. I have tried other quality brands and often they choose not to eat them for whatever reason. I have not had that happen with Holistic Select. I read the ingredients and was pleased - which always determines my purchases.

10427 What can I say? The cats eat it and they do not puke it back up. So in my book that is good!

10428 horrible price on these... comes to .92 cents per cup. there has to be a better place to get these than amazon?

10429 I make sushi often and these are the worst Nori I have ever purchased. They were extremely thin, very crumbly and fell apart at the most gentle touch. After trying to use 2, I threw the remainder in the trash.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 4

9733 Our gluten-free family of five has tried this several times and everyone seemed to lose their appetite when this was prepared. The cheese sauce comes in a packet that you squeeze on the noodles. Everyone agreed that the sauce is too cheesy, thick, and the flavor is not as good as other brands/styles. Mac & Cheese is a staple in our house, but we won't order this one again.

9740 This is my favorite gluten free muffin mix. You can use it straight or add blueberries or other ingredients. Very easy to make and tastes great. Better price than in any market I've seen.

9756 I ordered the Vinturi Aerator Set as a present for my wife. When assembled, it looks beautiful. However, when you pour your red wine through the aerator, the wine leaks out through the two air holes and fills the base of the stand with red wine. The wine even splashed out through the holes too. Following the exact instructions of carefully pouring the wine into the aerator so that it runs down the side of the aerator only, was better except for the fact that the red wine then only leaked out of one air hole instead of two.  
I give the Vinturi Aerator Set one star for beauty only. Now, where do I send the dry cleaning bill to?

9758 Excellent product. Wal-Mart appears to have discontinued it's Great Value Cranberry Apple Drink Mix which I prefer, but only because it comes in single packets. The Crystal Light product tastes just as good, but it comes in packets that are usually used for mixing in quart containers instead of individual bottles. A little inconvenient but I've solved that by mixing 2 bottles at once. I am fairly good at splitting the powder equally between the two bottles. Not quite as easy for taking with in the car, but ok.  
All in all, if you have to substitute, this is a great tasting product. Individual packets would be nice. The only other inconvenience I've found so far is that I cannot find this product in stores either, but had to search on-line to buy it. Every other flavored cran-xxxx (strawberry, raspberry, kiwi, etc.) can be found in stores. Who knew cranberry apple would be so hard to find.

9765 I'm a big Tinkyada fan, and this lasagna does not disappoint! It has a wonderful recipe on the box that makes a delish dish! :D

Name: Reviews, dtype: object

===== When number of clusters is 10 =====

Creating a dataframe with Reviews, Cleaned text and Clusters...  
Dataframe is created!

The number of reviews in each cluster is:

4	3010
6	2841
3	2502
2	2448
9	2442
7	2096
0	1707
5	1243
8	1114
1	597

Name: Clusters, dtype: int64

\*\*\*\*\*

The number of Medoids formed are 10

Printing Medoid reviews

Ordered in late December; still have not received the product into the fourth week of January. It would be faster to drive to Philly and back to pick up a box of the real thing. Not impressed!

I adopted a dog in Oct. 2007, and started trying different foods... grocery brands, Mighty dog, Iams, Eukanuba, and so forth, in various formulations. She will eat almost anything,

whether or not it agrees with her intestinal system, but I wanted something healthy for her that would not have us running for the outdoor potty all day (or night) long. She liked Iams, but ended up being constipated half the time, also unpleasant! I saw some trial-sized bags in a pet store, and bought a couple. OMG, can I say my dog loves this food AND it agrees with her system? In addition to it being a great food (check out the ingredients), I can literally give her pieces of this as treats and rewards, she likes it that much. So many people who saw her when I first got her, and see her now, are extremely impressed at how much better she looks too. Since no one food is perfect for every dog, I highly recommend trying a small bag first, and then see if your dog likes it as much as mine does. As much as she likes it, I think she actually eats a bit less of it, because it's denser in calories, proteins and vitamins than most other foods, so it works out pricewise to be reasonable. I've also given it to my foster dogs, and their coats also improved on this food.

I've tried many of packaged Chai products - liquid, dry, soy, etc. I actually enjoy the Chai at a national chain coffee store (I don't care for their coffee). I received this as a gift and it is excellent (it must be made with water and sweetened a little or it will taste horrible). What's even better is it's caffeine free so I usually drink it at night instead of coffee.

One of the things I love about pistachios is the saltiness, which seems to enhance the flavor. Pistachios in shells, though a pain to remove from the shell, are much more enjoyable, to me anyway. I purchased three jars, and have given all away. I hate to lose the money, but not into eating products that do not meet my expectations /tastes.

I've tried a number of Bar Harbor products and was favorably impressed with all. As such, I picked up a can of Bar Harbor New England Style Salmon Chowder. It was just excellent! Good taste and texture. Rich and creamy with nicely defined potato chunks. It says that the soup is condensed and they suggest that milk and butter may be added. However, at the time I didn't have any milk (other than chocolate) so I proceeded without additions. It just couldn't have been any better. Well, perhaps the sodium is a bit high. But it's all natural with no preservatives or MSG. I'll be back again!<br /><br />Gary Peterson

I'm in Afghanistan and using Amazon to find a good deal on M&Ms to share with my troops. After finding the "good deal" at auction my bill arrived in a separate email indicating that the mailing costs were more than the two bags of M&Ms.<br /><br />This is totally ridiculous when the cost to ship to an APO address is minimal these days through USPS. This has got to be nothing less than a company screwing its potential customers.<br /><br />I would not recommend this seller to anyone purchasing from a military account.

my husband drank a spirutein shake daily for forever and i never cared for them and now all of a sudden i'm addicted!! this is my FAVORITE flavor!!!! i love,it!! i also like double fudge crunch and vanilla, but nothing compares to s'mores!! i actually look forward to/crave it daily. it's like dessert to me, and i only wish they'd make it in the larger 2.2 lb size.

This is the same pasta which sells for considerably more at Whole Foods, Smiths and some Albertson's. This tastes like the pasta you would be served in an upscale Italian restaurant. Since it is made from spinach (but sure doesn't taste like an spinach I've had) it is very healthy and simple to make. Add your favorite sauce, or some fresh tomatoes, and a glass of wine and you will be sitting down to a very nice meal with a minimum of effort. For a change try adding some chicken, soy , meatballs or fresh vegetables.

So I switched to Organix after feeding my dog Wellness since she was a pup. Her stools had been inconsistent, one day runny and the next day firm. She also had farts that were like WOAH (especially when on the Wellness fish formula). Once I switched to Organix, her stools firmed up and were consistent (and less frequent). She still farts occasionally (who doesn't), but not nearly as often and not nearly as bad. Since this is a premium concentrated dog food without all those nasty fillers such as corn, I don't have to feed my dog as much as I would with, say, Purina. She loves the kibble and gobble it up every time.<br /><br />She is a 12 pound very active doggie, and the 15 lb bag usually lasts me 3 months.<br /><br />I have found Organix at Whole Foods and Petco as well, but Amazon is the cheapest.

There ain't really a whole lot to say about these things but I still wrote a review that I hope others may find helpful just in case they have a need for these things. I bought these ingredients because I always cook Tom Yum Soup specifically the tom yum seafood. I am from Asia and I love to cook and I would rather use the organic ingredients rather than the ready mix flavor. My husband is American and he loves Tom Yum. I brought some of these when I went back to Asia last December but I already ran out so I had to buy some.<br /><br />When I received these products, they were in an excellent condition. Considering that these are perishables, I got them still fresh and got them the way the seller had described/advertised them. The packaging was neat and was absolutely done carefully. The price for me is reasonable because you just cannot find these stuff in some groceries at least here in Texas. Nice doing business with the seller. So over all rating, I give both the seller and the product a 5-star rating.

\*\*\*\*\* Cluster 0 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 0

10532 I ordered 18 bags of York Pieces for wedding favors, half of the bags were melted and Amazon has a no return policy on food items. I would not order food products from a online vendor again.

10536 I bought this thinking it would be perfect to have smaller containers sealed so they stay fresh because I don't drink that much coffee, and two of the 4 containers came with the seal busted open, so I will be wasting a lot of coffee.

10538 The freshness wasn't a problem with this order...however there was a problem. The chocolate on the Fudge Stripes was all melted off of the cookies and was stuck to the inside of the package. Another no go for repeat sales.

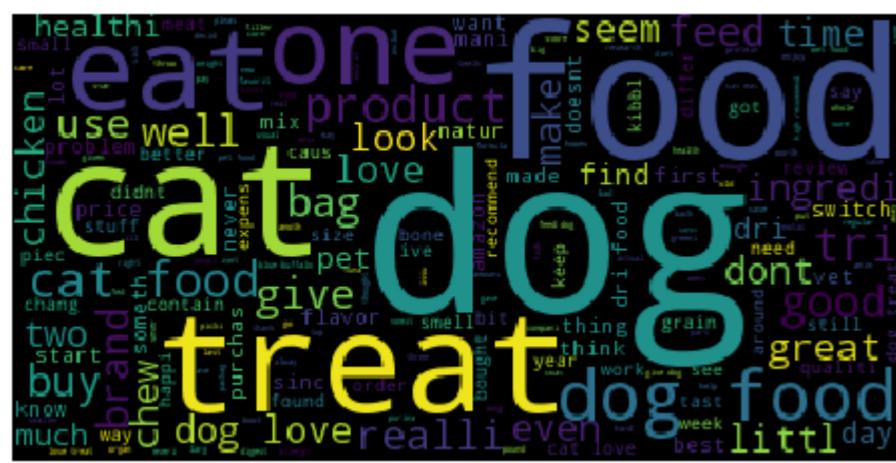
10578 I hired a lawn care place to get rid of my ants but found out after \$69 that it was only for those that happened to be on the surface. This product worked very quickly to either kill them or make them move on. It does only last for about a month though before they start showing up again. As other reviewers posted you need to dust carefully. It will stay white for a very long time if you just dump it out. I'd give it 5 except that the shaker does clog easily so you will have a hard time putting down an even dusting.

10585 I bought these hoping to trap the occasional in home cockroach (ours are quite large) but they're nowhere sticky enough to trap a large one. I managed to chase one directly into a trap and it took but 10 seconds to work its way right back out - and another one that I placed moved about 3 inches from where it was but had nothing in it. These will probably work fine if your bugs are small but don't count on it to do anything with the big ones.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 1 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 1

10891 Online research told me this was the best cat food out there. No question it was the most expensive not to mention the most redolent. The only problem was my cat begged to differ - he did not particularly like it. He would eat it but preferred his old, less expensive Iams. As for me I did not try a taste but instead trusted my cat.

10927 We have a 100lb mastiff and he loves these little treats. They are great for training treats so the dog doesn't fill up on large bones. They are just enough to reward him when he does something good. I would definitely recommend to all dog owners and would purchase the other flavors too.

10959 I have a very interesting type of cat; he's a Siberian, sort of like a Norwegian Forest cat, and rather rare. We got him as a rescue from the dumpster cat rescue volunteers in our area; my husband saw this cat in a cage and absolutely just had to adopt him. (And we already had a cat. And were living, temporarily in 2 rooms. So you can imagine, it was SOME cat. One characteristic of the Siberian is that they molt or shed fur in great quantities twice a year. It just COMES off--there is a downy undercoat that stays put and some guard hairs, but the main coat, thick and lustrous, just flies off. You should see the pile outside my office door at home--he sits there. Insane. So the cat gets hairballs. How can he help it? And he prefers to disgorge those hairballs on the BEST decorative rug we own OF COURSE; not on the linoleum in the laundry room, the wood in the entrance, or the regular wall-to-wall carpeting either, no, right smack in the center of the BEST rug.  
  
So something had to be done. Anyway, he needs to get rid of the hairballs and merely barfing them up isn't sufficient; cats can get a lot more hair stuck in their gut. So I got a tube of Laxatone on the vet's recommendation. While you can use Vaseline, the problem with vaseline or mineral oil is that the lubricating agent also pulls some nutrients out of the cat, and that is not healthy for them. Laxatone is rather like thick, gooey petroleum jelly, but it is fortified with linoleic acid, linolenic acid, and peptonized iron to prevent some depletion of nutrients. It's flavored (in this case) with malt. It would seem some cats enjoy the taste of malt. (It's known some cats will lap up beer.) I think it may be that cats eat rodents, and in eating the mouse, they eat what the mouse ate, including perhaps grains that have malted in the gut of the mouse. So perhaps this is, naturally, a flavor cats are inclined to enjoy. In any case, MY cat, LOVES this. He gets the recommended dosage for his larger size, over three days, then gets a maintenance dose once a week or so. The result is a reduction in hairball expulsion and better elimination.  
  
If your cat doesn't like malt flavor (there is no pleasing some cats) there is a tuna flavored variety. My previous cat, an equally hairy furball of a Maine Coon, was persnickety about food and was not a snacker. She would eat the malt Laxatone to some extent, then she'd refuse it. This cat eats practically anything, so he's no trouble, and he enjoys his medicine. I enjoy the improved health of my kitty.

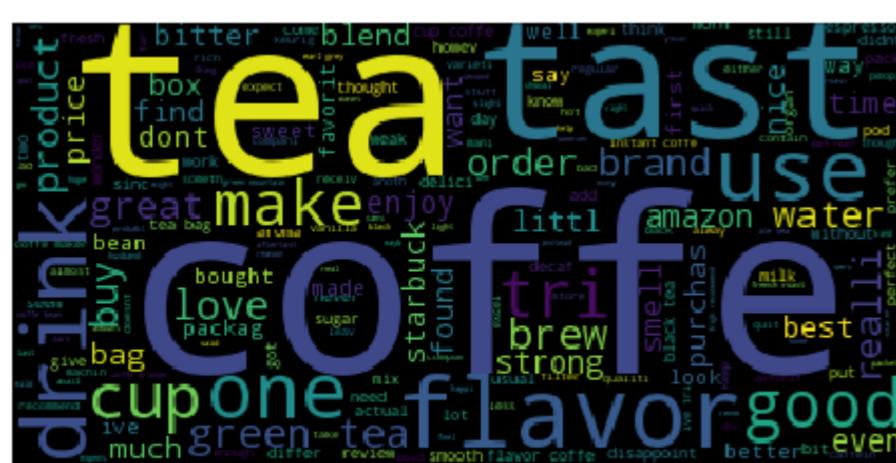
10987 I purchased this product both for my dog and my daughters dog and it gave them both extreme diarrhea, explosive poor pups couldn't even make it out of the house. VERY embarrassed dogs!!! Both dogs suffered from this product. We administered the exact amount for the weight of each dog. They both LOVE their Greenies so I was shocked with this reaction.

11013 I have two cats who both became very ill while eating the chicken and mackerel flavor. Consistency of this food was completely different than the chicken & chicken liver they normally eat. It was watery, almost soupy and had lots of black spots in it. It smelled fine but made cats very sick. I threw the entire case away after my cats got sick. I haven't had a problem with the chicken flavor.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 2

9722 These tea packets are really cheap, but they are rather low quality. The taste is bland and acidic. The color of the tea is really reddish brown compared to real green tea.

9751 Buy these k-cups only if you don't mind drinking your coffee through a slick of coffee grounds. The taste is fine (though not fantastic), but I don't enjoy the surface slick or the sludge left over at the bottom of the cup...and I'm not happy that I'm stuck either drinking this stuff or wasting my money by throwing the cups away.

9766 We love Steaz green tea with peach at our house. So much so that we had three orders per month sent to our home. But our last three orders--while labeled as peach tea--actually contain raspberry tea! Amazon generously refunded us our money as they do not accept returns on food. We have tried to buy the peach tea at two local grocery stores and have had the same experience--raspberry tea in peach cans.  
  
I give the peach tea five stars, but zero star for raspberry tea in peach tea cans.  
  
I have contacted Steaz about this issue, but have not heard from them . . . .  
  
So beware!

9783 I love, love, love this coffee! It has just enough vanilla to give it some flavor without being overkill. Most flavored coffees I've tried end up losing their "coffee" taste and is too mild for my liking. This coffee maintains a medium body with a splash of vanilla. Perfect!! You cannot beat this price either! This is my 3rd purchase of this double pack and I'm positive I'll be back for more!

9789 Alto Grande coffee is served at my layover hotel in San Juan, Puerto Rico. I always look forward to drinking it while in San Juan. I have purchased the 5 lb. bag of whole been Super Premium Alto Grande coffee several times and find it is well worth every penny. If you are a serious coffee lover, this truly is one of the World's best coffees. It brews a rich yet delicate, smooth and flavorful cup of coffee you'll want to share with your friends and family. Try it, see why it was once reserved only for The Vatican and royalty.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 3

10362 Sorry to say but this is not to my households taste.To be honest it does take somewhat like a Margarita but perhaps one that has been sitting around after the party is wavy over.

10375 I bought this for our office to give people something sweet to snack on. Because it's bite size it's easier for people to grab a couple pieces rather than an entire license stick. My only complaint is that one of the bags broke open in shipping.

10378 These tasted really bad. They weren't expired, and there's only 3 steps to making them, so I don't know how they turned out so disgusting, but they did. There was a lingering bitter taste and no fudge taste to it.

10394 The trap is difficult to set. It requires a lot of physical exertion, and it is very awkward to set. The trigger mechanism goes from hard to spring to a hair trigger. Thus mbs down on this one!

10411 I loved those gummy bears and I recommend them to any gummy bears lover! They are not less delicious than non-halall gummy bears.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 4 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 4

9376 I saw the name "Chips Ahoy!" and thought of delicious, crispy chocolate chippy goodness. Alas, these don't live up to the brand name.  
  
I rarely buy storebought cookies, honestly, so I really looked forward to trying these as a treat. Here's my two cents:  
  
1. The allegedly mega fudge filling is not very noticeable except as a faintly chemical, chocolate-like slime. Minifudge filling would have been more accurate. The last two days were quite warm and the cookies became almost liquid on contact with warm fingers. Quite a mess, especially with kids. In short, the gooey filling seems to me a gimmick.  
  
2. The cookie part tasted like fake chocolate, which was a turnoff for me. I love chocolate like nobody's business, but it has to be GOOD chocolate (which this was definitely NOT.) A chocolate candy bar of almost any kind would have been more satisfying.  
  
If I want a tender cookie, I can make better ones myself from scratch. If I'm going to buy a chocolate chip cookie, I'll stick with the original crispy Chips Ahoy.

9378 These Chocolate Chip cookies are so good. Chips Ahoy has made this cookie chewey and tastey. This in one of my favorite cookies...ever. They will be very difficult to keep in stock. They are yummy goodness.

9381 If you like Chips Ahoy products, they don't disappoint with these cookies. They are truly sinful. The best way I can describe it... a chocolate kiss wrapped in a chocolate chip cookie. They are rich, but oh so good! If you like chocolate and you like chocolate chip cookies....it's a match made in heaven. Enjoy!

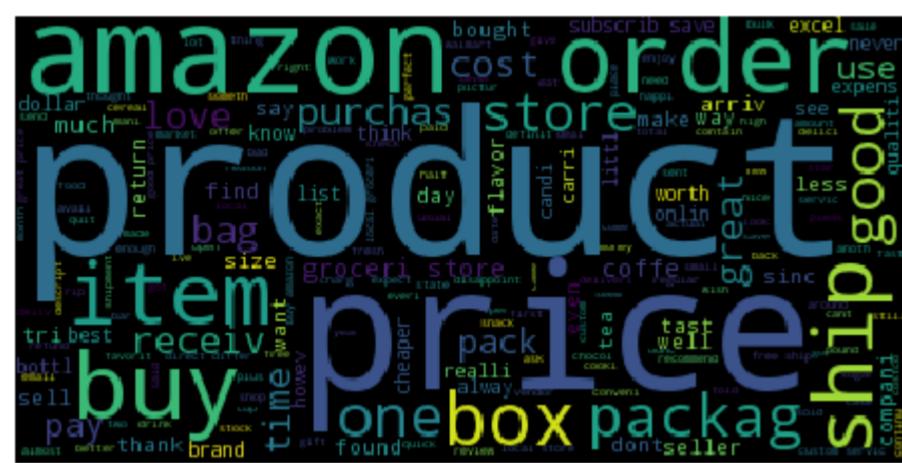
9382 <a href="http://www.amazon.com/gp/product/B001IZK7GI">Eden All Mixed Up Too, Nuts Seeds & Dried Fruit, 4-Ounce Pouch (Pack of 5)</a><br /><br />Eden All Mixed Up Too, Nuts Seeds and Dried Fruit is everything the company claims. It is a delicious blend of seeds and nuts and dried fruit that is so pure and easy to eat! There were no husks or stems! It truly is a great product I am eager to buy more!<br />I would recommend this product to anyone who loves wholesome nutrition.

9390 I am vegitarian and apparently its egg-free but decided to add gelatin...how hard is it to make simple cookie/cracker without adding the animal crap to it?

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 5 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 5

9332    Awesome product, not on the shelves in our grocery store anymore. Love that I can get this through Amazon.com!

9337 Thank you so much for enabling me to get this product. We live in a small town and things like this are very hard to find around here. The Pancetta was great. Quick delivery too! Thanks!!

9365 This is not a good deal. I can go to target or other grocery stores and buy four boxes for at least \$6.00 cheaper..

9369 I thought the convenience and savings would make it worth it to order this as a subscribe and save , but when I went back to reorder, the price had tripled... Amazon should notify of these changes. They should also only offer items for subscribe and save that they can continue to offer at the same price and those that will also be available long term....

9371 Arrived on time and in perfect condition but found the identical item in a local major chain store literally for 1/2 the price! Very surprised.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 6 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 6

10073 Do not buy this!!! I love boba tea drinks. I've spent a small fortune buying them. To save money I realized it would be cheaper to find the ingredients and make it myself so I bought this powder. This is not yogurt powder! This is yogurt creamer, BIG DIFFERENCE! Tastes nothing like the drink I'm used to. The powder itself barely tastes sweet. Imagine buying creamer and adding it to black tea that is what you will get, gross. This creamer is not sweet nor does it taste like yogurt or at least the fake boba yogurt flavor that most Asians are familiar with. If you want to make real yogurt black tea or green tea boba drink then buy the syrup and not the powder. Trust me you will thank me!  
>I think this powder is used for making yogurt milk tea or the yogurt ice blended drink but you have to add the yogurt syrup, sold separately.

10078 If you've never had Big Train Chai, you don't know what you are missing. Bar none, the best chai out there from power, concentrate, or brew. After slavishly going out of the way to a particular local coffee shop for their chai, about a hundred bucks in and months later I finally got the barista to tell me how it was made. You can imagine I was shocked to find that it was a mix and was available for sale to the public.  
  
I prefer the vanilla flavor, and this mix really is sweetened with splenda but tastes just like the full sugar version. I highly recommend it.  
  
If you are looking for no carbs, go somewhere else -- there are some carbs per full serving (23 I think) but we'll worth it for a special drink every so often. Also you can use just a scoop to flavor coffee or espresso drinks to great effect. But, less than the full two scoops does taste watery to me unless I sub milk or soy milk for water, in which case a single scoop (half a cupful) will work just fine.  
  
Enjoy!

all of thirty minutes. The instructions were easy to follow and it definitely didn't taste like a meal that came out of a box. It was delicious the night of and was still enjoyable the day after which often is an issue with boxed meals. Highly suggested for quick meal ideas that will satisfy the entire family!

10091 I have been purchasing a variety of Nairn's OatCakes over the past few years. I really enjoyed the "fine" oatcakes. They are tasty and fresh. Highly recommend them if you are an oatcake fan.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 7 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 7

9242 I mix this with 0% fat plain greek yogurt (I buy Fage) for a rich flavored no guilt dip! I sometimes add extra minced fresh onion, maybe chopped fresh chives or parsley, too. You can add a little extra powdered garlic or onion powder if you want a stronger dip. Depends what I'll be dipping. Carrots sticks, broccoli, celery- it all goes well with this dip! Refridgerate overnight if you want the flavors to blend. A very nice mix that doesn't have the fake additives, color, msg or msg-like ingredients. If you like dip but don't like the guilt, mix this with 0% fat greek yogurt!!! I forgot- for extra kick, add a tiny bit of horseradish...good on top of a chopped up grilled steak sandwich!

9255 While I still serve Near East rice pilafs as a side dish, I now fix them for a quick and healthy weeknight meal! For most of them, I cook as directed in my small rice cooker (Cuisinart CRC-400 4-Cup Rice Cooker). Five minutes after I hear the water starting its boil, I add a cup of cut-up cooked protein (leftover chicken, turkey, chickpeas, beans, whatever) and a cup or so of chopped veggies (fresh broccoli, carrots, onions, frozen peas). When the rice cooker light tells me the rice is done, so is everything else! (If you use a long-cooking whole grain pilaf, you will want to add these ingredients later in the rice-cooking cycle to avoid over cooking.) I guess you could also mix the meat and veggies in after cooking them separately, if you prefer. This is enough to serve three adults (unless they are really, really hungry.)  
  
I like the Toasted Almond mix so much that I often add nuts myself to the other flavors; the crunch adds interest.  
  
You can find recipes at the Near East website for other ideas.

9261 This definitely is the way to buy food coloring ... forget about those tiny little bottles at the grocery store! We love the quality of this Durkee food coloring, and we love the fact that it is bottled in 16-ounce containers. We always use it in red velvet cake, and it doesn't break the bank. The coloring is rich and works very, very well. Highly recommended ...

9291 The instructions suck, and fail to mention that "lemon curd" is lemon yogurt. This is pretty important. The contents of the spice pack (consisting of the bay leaf, cardamom pods, etc.) are not removed or contained during cooking and are easy to get eaten (not so much the bay leaf, but the small seed/pod spices will give you an unpleasant jolt if chewed). I've followed the recipe (using lemon juice and plain yogurt) and experimented by using uncooked rice and simmering everything together instead of the pre-cooked rice it calls for, but the results are nothing even remotely close to a real biryani. Despite the other flavours that the spice pack should add, the overwhelming flavour is hot; there is no complexity, even if you use more rice to dilute the heat.  
I got this on sale and paid about \$1 per pack, and even at that price it's no bargain, and not worth wasting the other ingredients on it.

9319 Have made waffles, pancakes, biscuits and coffee cake with the mix and all were great. Easy to follow recipes make this a dream for everyone who is celiac. The sour cream coffee cake was a hit with the whole family and that says something considering they usually don't like my gluten free food.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 8 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 8

10691 My pup, Miltie, is 7.5 months old and so far he's not tired of the Zuke's treats at all, and he's had them since the first month I brought him home. He sometimes eats too fast, but I've had no problem with him throwing up. Other treats have given him "poopy" messes, but he doesn't have that with Zuke's, which are worth the money. He's had PB & Chicken mini treats, Filet Mignon chews...he adores them all, and the 16-oz. bag of mini treats can last him a long time. The trainer is his puppy kindergarten class recommended these, and I'm glad she did.  
I'd like to get the "Dental Fresh Breath" treats, but Amazon.com doesn't ship them and the shipping is almost as much as the product...that's not cool.

10694 I hoped my dogs would like these. They eat most chews, but I thought these might last longer, and be gentle on their stomachs, based on the description. One of my dogs is fussy, the other will eat almost anything, and they both turned up their noses at these, and I tried on a few different occasions. Therefore, I cannot recommend them or comment on their digestibility.

10704 When I took my 15-year-old, overweight cat in for a senior wellness exam, the vet. said the x-ray showed serious arthritis. I just thought she wasn't getting out of her cat bed because she was elderly and tired. The doctor prescribed Adequan, but either I didn't get the medication into her muscle properly (entirely possible) or it just didn't work for her; I saw no difference. I tried Cosamin, but my cat seems to be able to smell it, no matter how carefully I mix it in, and won't eat even tuna if it has that in or on it.  
  
Then I saw these in a store. Although I was certain they wouldn't work and doubtful my finicky cat would even eat them, I figured, What the heck -- it's worth a shot. Wow!! After a few days, she started perking up and moving around, and now she acts more like the cat I knew a few years ago. She even "smiles" more! And crucially, she s

till loves these treats -- she doesn't seem to get tired of them. She is (as I mentioned) overweight, so I give her 3 a day. I wish they would make them in more flavors than just chicken and salmon, but like I said, so far, she hasn't gotten tired of them, even without the extra variety. Thank heavens for these treats!  
 10707 I was not satisfied with the Duck Jerky that I purchased from American Kennel Club for my dog, all 7 bags were dried out and brittle; one was so dry it was all most white and I ended up tossing that one in to the garbage. The Duck Jerky you get from Wal-Mart is at least moist and chewy. I am not happy and neither is my puppy (tough chewing).

10715 These are recommended by all vets that I've seen. They are healthy, clean teeth and my dog loves them. I cut them in half though as if he eats a whole (large) one, his tummy doesn't like it. He has a VERY sensitive stomach though.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 9 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 9

10625 The guar gum was decent and was a good price. The packaging is kind of cheap so I didn't give it 5 stars.

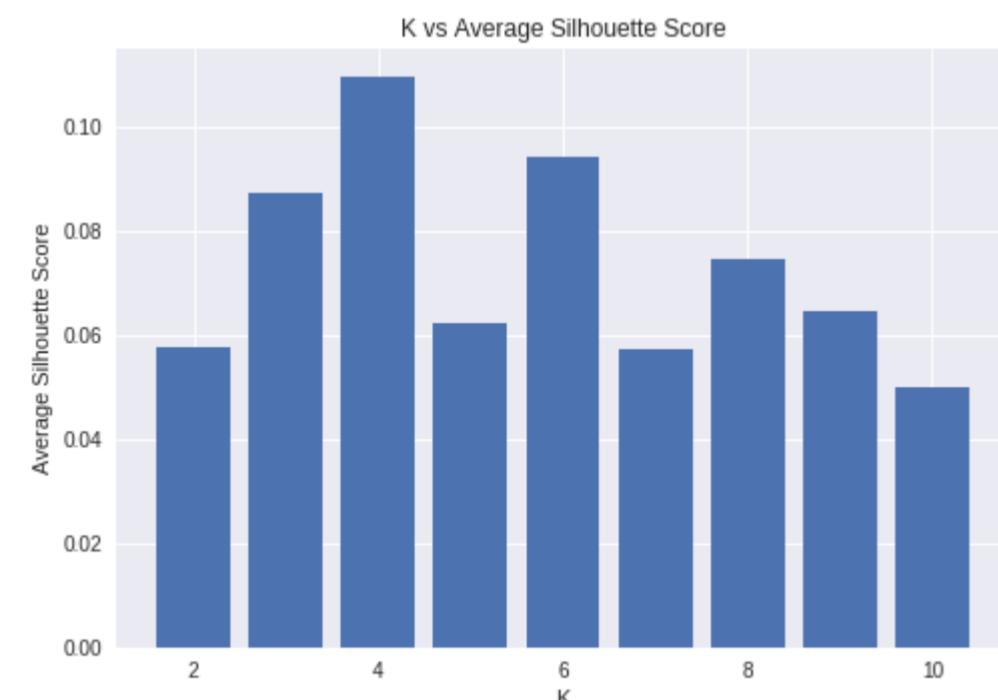
10634 I have been longing for Sunshine biscuits forever; I was so bummed when they were taken off of our grocery shelves, and while garibaldi biscuits are equally yummy, they were hard to get until just recently through Amazon. A couple of years ago, I found these Khong Guan biscuits at our local Asian market and took a chance, and I'm glad I did. They're pretty tasty, especially with a cup of tea. I like things on the dry and not overly-sweet side, so these biscuits fit the bill deliciously. Btw....I found these A LOT cheaper in the store \$5.99/tin, \$1.99 package before tax).

10635 I couldn't find this pasta anywhere in the grocery stores around my home, so I was pretty happy to find it on Amazon. It comes in a package of 5 boxes, so now I have lots of it to last for a while. I made Frog Eye Salad with it and it was great!

10659 My husband and I love Coach's Oats. We first tried them on recommendation by a friend. They are kind of nutty and rich in flavor. The oat is not rolled, not quite cracked, but somewhere in between. They have a great texture. They take about 5 minutes to cook. We first bought them at Costco, now they don't carry them anymore and we can't find them anywhere. We would like to order them online, but don't want to dish out shipping charges. Hoping that Amazon starts carrying them soon.

10662 Badoit is refreshing and has delightfully small bubbles. Is it worth this much money? Well, writing from Paris, where Badoit is cheap and plentiful, people seem to like Perrier and San Pellegrino just fine. Given that home carbonation can make perfectly good soda for very little money, I would have to suggest saving your hard-earned cash for a decent bottle of wine.

Name: Reviews, dtype: object



The average Silhouette value of K = 2 is 0.057725319364915685  
 The average Silhouette value of K = 3 is 0.08717934266378435  
 The average Silhouette value of K = 4 is 0.1096229800099798  
 The average Silhouette value of K = 5 is 0.06216470184980375  
 The average Silhouette value of K = 6 is 0.09407919121588772  
 The average Silhouette value of K = 7 is 0.057118564464137773  
 The average Silhouette value of K = 8 is 0.0745233012786393  
 The average Silhouette value of K = 9 is 0.06476988060736824  
 The average Silhouette value of K = 10 is 0.050078052761093644

We can observe that K = 4 has the highest average silhouette score of 0.1096229800099798.

The wordcloud and reviews for optimal K = 4 is plotted as follows.

Creating a dataframe with Reviews, Cleaned text and Clusters...  
 Dataframe is created!

```
The number of reviews in each cluster is:  
3    9716  
2    7805  
0    1501  
1    978  
Name: Clusters, dtype: int64
```

\*\*\*\*\*

The number of Medoids formed are 4

I was enticed by the cool design - less trash is good. The price obviously was also very enticing.  
When the coffee arrived, I carefully transferred the pods to a plastic zip loc bag.  
So far, so good. I then proceeded to brew my first cup - all excited to have found something wonderful.  
Well, the excitement ceased when the cup produced was pure black liquid with a flavor that was not pleasing to my palate - at all. Maybe if you like bitterness in a coffee without the pleasantness of a well-rounded rich coffee, then this is for you.  
I found it not an experience to be repeated. I tried to like this coffee, but will go back to another brand. Sorry San Francisco Bay Coffee company. I real

My sister is the real tea drinker in the family, I lean more toward coffee. But I was attracted to the idea of this tea: a Fair Trade product, totally organic, described as "bold and sweetly smooth," and I wanted to give it a try. Once I had opened the lid (double lid, actually) on the neat looking can and saw the incredibly dark and aromatic leaves, I knew I wanted this all to myself. True to its promise this Earl Grey tea is delicious. A strong tea, a smooth tea, no bitterness (my usual complaint about tea in general), and really does not need the addition of lemon, milk or sweetener - as a matter of fact, I think that would hide some of the more nuanced flavors I tasted here. I will definitely keep a

I tried just about every granola on Amzaon lol. Bear naked, some other kind that comes in a milk carton type box, a bunch of other red mill flavors, and a few other brands I cant think of at the top of my head. Regaurdless, this is the best tasting, the lowest in calories, and just the right texture to munch on. Will be buying this again in the future. My

Sure, it might be a little expensive, but trust me when I say it's completely worth it. A full-blown cow might not cost \$43.50, but if you think a thousand pounds of bland, worthless cow meat compares anywhere near this 3 lb (1.4kg) succulent morsel, you've got another thing coming. The instant I took my first bite into this rabbit, I literally came in my pants. It's just that incredible. There was no warning, no time to react, just pure unadulterated joy enveloping my entire body. I don't care if I have to spend my first-born's college fund to get it, I NEED the unique nutty flavor of this fresh whole rabbit!<br />I've noticed some distain regarding the unethical treatment of these rabbits, but the rest of us know that rabbits don't feel pain. I would bet money that these rabbits are proud to serve their human masters. We give them a good life on the farm, eating the finest quality carrots, mating with the most beautiful females in the modern rabbit world. Giving their lives to please a superior race is really all these little critters want in life.<br />(Bottom Line: 5 stars isn't nearly enough for this product. I went as far as to draw 5 more little gold stars on my screen just to clean my conscience.)

\*\*\*\*\* Clutter 2 \*\*\*\*\*

### Plot of Word Cloud



Printing 4 random reviews from cluster 0

10524 My sister recently came back from a trip to DR, and knowing how much I love coffee, brought this back for me. Im an avid coffee drinker, and very picky about what I drink. Its always either freshly ground starbucks, or a freshly ground organic fair trade coffee. But as soon as I tasted this, I was in love! I don't like any of those fancy creamers in my coffee, except if its a specialty latte. And this coffee doesnt need a thing! Its so smooth, great flavor, with yummy chocolate undertones. Im so glad I found this on amazon! I thought I would be having to make a trip all the way to DR just to go get some. ;)

10534 Maxwell House International Coffee took over the General Foods International coffee line, and the chocolate coffee line shrank to almost nothing. Finally they come out with an attempt to give us back our Mocha, but what a price!!  
I am being miserly with my order of Suisse Mocha Latte singles because it is the closest I can get to the old Vienne se Chocolate mix. but I won't order it online. Shipping was too expensive. I am just going to change my chocolate habit to match my thin wallet budge.

10535 I love this coffee, and I am so glad that I can order it. I can't find it in the stores. These little pods make the perfect coffee for me. Thanks Wolfgang.

10536 I bought this thinking it would be perfect to have smaller containers sealed so they stay fresh because I don't drink that much coffee, and two of the 4 containers came with the seal busted open, so I will be wasting a lot of coffee.

10549 The Hazelnut and French Vanilla single pods from Senseo are great. They are very flavorful and smell enticing. I would order both of them again.  
I hope they come out with additional flavors in the future.

Name: Reviews dtype: object

\*\*\*\*\* Clusters \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 1

8387 I received a sachet of this tea when I ordered hot tea in a restaurant. It was so yummy that I put the empty packet in my wallet so I could look for it in a store. In every store I went into that sold tea, I'd pull out that packet and compare. I couldn't find it anywhere. They have it, of course, at the Good Earth web store but with shipping the cost was more than I wanted to pay. (Thank goodness for Amazon Prime!)<br /><br />I bought a case (6 boxes). So far, I've shared two boxes - one, a birthday gift for my best friend and one with my daughter in a college care-package.<br /><br />Hot or cold, black or green, this is my favorite jasmine tea.

8403 This tea bag will give you a proper cup of tea, even after steeping in a cup of boiling water for only a minute or two, add a little milk or lemon, and there you are! A guaranteed reviver on a busy day. My first cup is early in the morning, second at 4 at "tea time".

8498 It's so hard to find this tea in stores and I am so glad that Amazon has it at a great price. This is probably the only tea out there that is decaffeinated and actually has a flavor. As another reviewer mentioned before, the decaffination process robs the tea of any flavor but not this one! The wonderful vanilla bean that's added to this tea makes it seem like you're having dessert with your tea. Wonderful with milk and some sugar or just plain. Another great thing about this tea is that it's organic and comes from such a "green" and responsible company as Numi. Keep up the good work!

8505 I went to CVS Pharmacy and stopped when I saw Donald Trump's face and "The Celebrity Apprentice" logo for Diet Snapple Bret's Blend Trop-A-Rocka Tea. The CVS store I went to also had regular and diet Snapple Papaya Mango Tea with "The Amazing Race" logo, with flavors inspired by India, limited time only. When I saw the words, "Limited Time Only", I grabbed two cases of Bret Michaels' Snapple drinks, two cases each of the regular and diet papaya mango teas inspired by "The Amazing Race". I gave some of these drinks to my family, friends, and co-workers, and after tasting all three Snapples, I'm very glad I bought these drinks. I think it's great that Bret Michaels helped craft & create a drink with diabetic people in mind, like himself. I'm not diabetic, but I know a lot of people who are diabetic, and I think this drink tastes great. I think it's fabulous that Bret is a spokesperson for the American Diabetes Association. Bret's naturally flavored diet tropical tea made from green & black tea leaves has a unique, sweet taste. I have watched each season of "Celebrity Apprentice", and Bret Michaels deserved to win his season. (For the current season of "Celebrity Apprentice", I think Marlee Matlin is doing a pretty good job). Besides Bret Michaels' Diet Snapple drink, I highly recommend Snapple's Papaya Mango Tea, regular and diet versions. Of course, the regular tea tastes better than the diet tea, but both are great. The regular Papaya Mango Tea tastes out of this world! I was honestly blown away by the taste. I feel that this is the best chilled bottled tea I've had in a while, besides chilled Thai tea. The Honest Tea brand, besides the Snapple brand, also has excellent bottled ades and teas. Anyways, I absolutely think you can get addicted to Snapple's Papaya Mango Tea. It's a shame that these teas are for a "limited time only". Snapple has made "The Celebrity Apprentice" and "The Amazing Race" viewers like me dash for these drinks like the contestants on these television shows. I'm really glad that Snapple has made a drink inspired by the beautiful country of India and "The Amazing Race". I've watched the majority of "The Amazing Race" seasons, and season 17 was my favorite with the first all-female team of female physicians, Nat Strand and Kat Chang winning. My favorite team for season 18 was sadly eliminated, Ron & Christina Hsu, but congratulations to Christina for recently marrying another "The Amazing Race" contestant, Azaria Azene. Anyways, if you see both "The Celebrity Apprentice" and "The Amazing Race" Snapple drinks whenever you're out and about, don't hesitate to buy them. You won't regret it. It's awesome that Amazon customers can buy Bret Michaels' tea online for now, but it's sad that the "The Amazing Race" teas aren't as available online. Snapple's Southern Sweet Tea is also an excellent product. Again, it's too bad that they don't sell these drinks on Amazon or the Snapple website. But thumbs up to Amazon for selling Bret's Trop-A-Rocka Diet Snapple Tea. If Amazon would sell "The Amazing Race" and Southern Sweet Teas from Snapple, that would be even more fantastic! My rating is five stars for the drink, but three stars for the fact that this is being sold online for \$14.95. At my local CVS pharmacy, I was able to get six bottle packs of "The Celebrity Apprentice" and "The Amazing Race" Snapple Teas for \$4.99 per pack. (Basically, you can get almost three packs of this stuff at CVS Pharmacy for the amount of money being asked for this online. Then again, if you can't find this in any store near you, then I guess it's worth it to take a chance and buy this online to try these "limited edition" drinks.)

8540 The Dragonwell tea leaves were brown, unlike other brands of Dragonwell tea I've purchased, and the flavor was not good. I will not buy this tea again.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 2 \*\*\*\*\*

Plot of Word Cloud



Printing 4 random reviews from cluster 2

9479 Although we are not enthusiastic seafood eaters, this tartar sauce really makes all the difference; it's rich and creamy. We had purchased one bottle locally, but could never find it again so we decided to just buy a dozen bottles. This tartar sauce is not the least expensive one, but the taste makes it worth the price.[Louisiana Tarter Sauce, 10.5-Ounce Bottles \(Pack of 12\)](http://www.amazon.com/gp/product/B000LLIV9U)

9482 It was exactly what I wanted for my husband who is a huge candy lover! All the candy was fresh and we had a blast enjoying all the "old school" candy.

9482 It was exactly what I wanted for my husband who is a huge candy lover! All the candy was fresh and we had a blast enjoying all the "old school" candy.

9483 The vanilla beans arrived very quickly. They are all soft, moist, and pliable. Their fragrance is wonderful. This was the cheapest way to buy them.

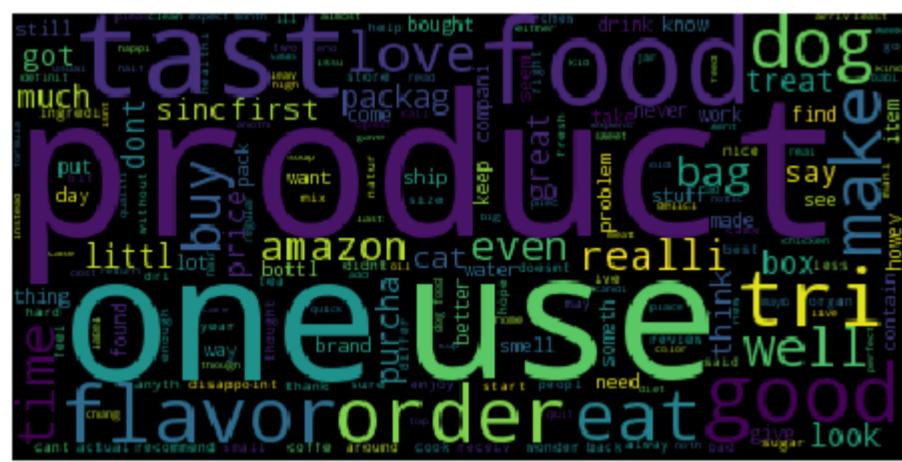
9484 I had high hopes for the product, but it's too sweet for me and the almond extract flavor is overpowering. I couldn't taste a real almond flavor. I'm willing to try another flavor though.

9486 I really wanted to like these. Eden's Tart Cherry Juice is AMAZING and I'd hoped to add their dried cherries as a snack. Not to be. The dried cherries have an oily feel and taste that I do not care for. The packaging states that the dried cherries are misted with organic safflower oil to prevent clumping. You can really feel and taste the oil. I'd much rather deal with the clumping.

Name: Reviews, dtype: object

\*\*\*\*\* Cluster 3 \*\*\*\*\*

## Plot of Word Cloud



Printing 4 random reviews from cluster 3

10445 Why have we become such consumers of crap sold to us in the name of "good for you"  
stuff made in an artificial/chemical manner and void of goodness?  
Please read the following and be educated!  
[...]  
you have to of course copy and paste these internet addresses in your browser's address bar!

10446 I bought a case of this as part of my canned survival food storage. Needless to say it tastes awful and won't order anymore. I love molasses but for some reason I just can't stomach this. I was hoping it'd be a "canned comfort food" for a survival situation, but the only comfort would be not opening it in the first place.  
  
There's so many more options ouch there, canned bread is just not a good idea.

10447 Had this at the Shelter Lounge in Seattle (Ballard for all you locals), asked for their recipe and the bartender said I could buy the mix; I suggest anyone who loves blood y marys to do the same!

10449 I was excited to try this jerkey and ripped the box open as soon as it arrived. Sadly, the flavor is just so-so. More critically, the meat is extremely tough. Not tough the way jerky should be, but tough the way a hamburger that gets left on the BBQ for a couple hours is.  
Very disappointed I couldn't return this because of Amazon policy. I hard

10450 I signed up for the reoccurring monthly shipment of the 17 oz. Vita Coco (both the Peach Mango and Pineapple flavors). I am very happy with the product itself - however, I only received 10 boxes out of the advertised 12. I would beware about buying the reoccurring shipments as you might not get everything you ordered.  
I am not able to return

only received 10 boxes out of the advertised 12. I would beware about buying the reoccurring shipments as you might not get everything you ordered.  
  
I am not able to return the product and am trying to find out how to report this to Amazon in the correct way. Buyer Beware.

## **Observations:**

1. Wordcloud and reviews are printed for k values of 2, 5, 10 to get a sense of what's going on with the data.
  2. Silhouette scores are plotted for each values of k ranging from 2 to 10. It is observed that k=4 has the highest average silhouette score, hence we declare that k=4 is the best suited number of clusters.
  3. Since the average value of all the silhouette scores is around 0.06, so almost all k values except 2, 7, 10 can perform reasonably well.
  4. When k=4, cluster 0 has 1501 elements compared to 978 in cluster 1, 7805 in cluster 2 and 9716 in cluster 3.
  5. Four medoids are formed and their reviews are printed above.

## Summary

- 1) Import the csv file containing pre processed data which is already arranged on the basis of time.
  - 2) Five functions are created for input k, plotting wordcloud, performing k means, k medoid function and k medoid implementation.
  - 3) The second function creates a dataframe with all the reviews, cleaned text and clusters. Then it prints the number of data points in each cluster. A wordcloud is then plotted along with a few random reviews from that cluster.
  - 4) The third function performs k means by plotting inertia values and after choosing the best k value, it calls the wordcloud function mentioned above.
  - 5) The fourth function is a k medoid implementation by <https://github.com/letiantian/kmedoids> (<https://github.com/letiantian/kmedoids>)

6) The fifth function is implementation of K medoid function which uses silhouette scores to predict the best k and also prints the medoid reviews.

5) These functions are applied on Bag of Words, TFIDF, avg Word2Vec and TFIDF Word2Vec.