**Output**

1. **Top 500 Words and counts of these words:**

taste - 218479

good - 202411

product - 200183

flavor - 187628

coffee - 176327

great - 167190

love - 164014

tea - 153863

food - 153386

will - 127176

dog - 107705

amazon - 106609

time - 101643

don - 91874

cup - 90354

bag - 87983

price - 81127

buy - 77371

best - 76862

find - 74145

well - 73467

better - 70772

day - 68477

eat - 67787

treat - 67746

store - 67568

box - 66548

cat - 64918

chocolate - 64174

water - 62752

drink - 61147

year - 60619

sugar - 60336

brand - 58981

sweet - 54119

free - 50727

bought - 50341

thing - 49759

bit - 47236

order - 46380

favorite - 45246

ingredient - 44937

mix - 44377

chip - 44090

lot - 43908

snack - 43322

recommend - 42674

bar - 42490

work - 42404

pack - 41788

nice - 41520

delicious - 41476

add - 39691

hot - 38355

stuff - 37327

review - 36902

organic - 36606

quality - 36148

healthy - 35722

didn - 35300

milk - 35009

package - 33924

small - 33921

oil - 33420

month - 33175

calorie - 33023

perfect - 32964

ordered - 32667

strong - 32501

bad - 32191

eating - 32099

green - 31785

salt - 31698

easy - 31186

smell - 30947

long - 30593

problem - 30479

hard - 30463

high - 30369

fresh - 30364

size - 30010

enjoy - 29849

natural - 29759

definitely - 29219

buying - 29216

thought - 29125

regular - 29052

chicken - 28963

sauce - 28852

cooky - 28846

bottle - 28653

pretty - 27573

diet - 27354

happy - 27207

local - 27175

feel - 26705

people - 26614

star - 26490

big - 26366

going - 26122

tasty - 26017

fat - 25881

shipping - 25500

butter - 25437

real - 24759

kind - 24623

purchase - 24589

wonderful - 24288

amount - 24263

highly - 24098

low - 24092

oz - 24020

fruit - 23931

item - 23869

dry - 23815

texture - 23808

blend - 23468

tasted - 23404

protein - 23274

purchased - 23269

week - 23228

excellent - 23102

bean - 23050

tasting - 22960

gluten - 22946

variety - 22913

worth - 22835

half - 22666

candy - 22650

expensive - 22424

morning - 22424

cereal - 22251

coconut - 22048

rice - 22047

case - 22006

peanut - 21990

help - 21915

dark - 21665

grocery - 21653

company - 21632

full - 21580

kid - 20838

vanilla - 20659

family - 20293

friend - 20216

meal - 19845

loved - 19725

received - 19613

flavored - 19496

piece - 19336

three - 19221

won - 19213

health - 19211

ounce - 18935

cost - 18695

black - 18506

light - 18354

money - 18322

top - 18272

serving - 18271

minute - 18117

isn - 17889

making - 17737

save - 17689

large - 17619

drinking - 17589

bitter - 17389

arrived - 17071

fact - 17071

baby - 17029

extra - 16896

cheese - 16832

nut - 16716

corn - 16657

husband - 16646

disappointed - 16624

roast - 16559

type - 16556

packaging - 16438

deal - 16401

http - 16326

honey - 16279

fine - 16123

gp - 16024

href - 15873

almond - 15809

meat - 15745

soup - 15732

juice - 15692

decided - 15680

cream - 15679

popcorn - 15676

recommended - 15650

second - 15650

syrup - 15635

house - 15634

recipe - 15624

started - 15538

energy - 15526

potato - 15520

spice - 15508

absolutely - 15505

smooth - 15460

prefer - 15448

chew - 15245

couple - 15053

hour - 15038

grain - 15038

breakfast - 15012

pod - 14878

powder - 14873

open - 14841

bread - 14739

cheaper - 14668

wanted - 14637

white - 14629

hand - 14606

ago - 14526

read - 14444

packet - 14345

wasn - 14043

rich - 13998

side - 13970

bold - 13895

gift - 13838

longer - 13790

stick - 13752

container - 13599

fan - 13490

red - 13450

ordering - 13442

cookie - 13365

pet - 13358

amazing - 13314

soft - 13310

life - 13246

jar - 13233

weight - 13225

mouth - 13192

fast - 13179

keurig - 13073

pound - 12950

issue - 12920

reason - 12895

brew - 12741

spicy - 12672

cracker - 12660

pasta - 12613

son - 12468

couldn - 12360

quick - 12318

leaf - 12263

difference - 12249

glad - 12229

wheat - 12226

start - 12058

plastic - 12020

choice - 12017

color - 12011

version - 11957

market - 11916

place - 11847

lb - 11765

machine - 11739

ground - 11722

dried - 11669

starbucks - 11665

beef - 11636

cinnamon - 11612

hair - 11583

ginger - 11572

vitamin - 11559

cold - 11484

formula - 11437

bowl - 11379

crunchy - 11374

jerky - 11347

bite - 11306

cut - 11269

super - 11268

apple - 11181

feed - 11173

cake - 11171

mixed - 11138

ice - 11124

wouldn - 11121

seed - 11115

opened - 11016

alternative - 10991

daughter - 10909

vet - 10895

pepper - 10894

canned - 10891

night - 10883

fiber - 10824

care - 10823

teeth - 10806

online - 10672

lemon - 10644

salty - 10564

cook - 10506

haven - 10499

easily - 10498

brown - 10483

cooking - 10381

single - 10364

soy - 10336

noodle - 10322

artificial - 10305

yummy - 10295

change - 10216

clean - 10215

hope - 10213

enjoyed - 10210

left - 10191

smaller - 10106

blue - 10069

french - 10062

soda - 10053

guess - 10045

list - 9969

flour - 9924

sweetener - 9857

reviewer - 9845

course - 9838

plain - 9810

gum - 9799

awesome - 9788

oatmeal - 9696

body - 9616

cocoa - 9609

original - 9594

content - 9587

exactly - 9584

caffeine - 9575

aroma - 9564

experience - 9558

sodium - 9553

aftertaste - 9550

wife - 9497

decaf - 9479

wrong - 9432

dish - 9430

stomach - 9363

daily - 9360

special - 9356

pay - 9339

surprised - 9301

close - 9289

carry - 9261

pleased - 9211

simply - 9184

orange - 9170

label - 9146

bone - 9146

heat - 9140

benefit - 9085

ate - 9084

pop - 9064

inside - 9061

feeding - 9030

subscribe - 9024

picky - 8961

compared - 8935

mild - 8927

idea - 8907

point - 8828

delivery - 8803

finally - 8799

medium - 8763

flavorful - 8743

maker - 8741

huge - 8720

service - 8705

note - 8704

olive - 8635

noticed - 8615

fish - 8579

sell - 8572

based - 8544

looked - 8534

option - 8530

gram - 8502

espresso - 8435

needed - 8415

live - 8399

salad - 8361

expected - 8351

pot - 8338

customer - 8333

toy - 8253

skin - 8236

child - 8217

instant - 8205

pill - 8139

packaged - 8130

leave - 8128

adding - 8113

larger - 8095

bottom - 8073

stay - 8069

lunch - 8063

allergy - 8062

pouch - 8038

raw - 8035

bulk - 7995

convenient - 7994

mint - 7992

completely - 7963

fantastic - 7958

egg - 7952

vegetable - 7946

seasoning - 7944

weak - 7944

glass - 7915

cherry - 7912

iced - 7892

mind - 7862

cheap - 7857

puppy - 7844

stock - 7825

continue - 7823

filling - 7710

granola - 7710

opinion - 7677

chewy - 7665

mine - 7611

rest - 7600

eaten - 7589

extremely - 7589

turn - 7560

expect - 7555

sale - 7538

healthier - 7481

batch - 7469

wellness - 7464

chai - 7464

count - 7447

shipped - 7445

hint - 7437

true - 7397

waste - 7353

excited - 7336

hit - 7290

told - 7277

liquid - 7273

normal - 7271

crunch - 7233

break - 7224

sold - 7216

dinner - 7215

strawberry - 7179

wait - 7111

called - 7092

call - 7032

thick - 7029

entire - 7007

sweetness - 7001

mountain - 6969

fit - 6916

today - 6908

level - 6904

shop - 6858

veggie - 6854

eats - 6850

baking - 6808

seller - 6773

source - 6766

purchasing - 6752

set - 6741

reading - 6624

oat - 6623

creamy - 6609

stash - 6587

tomato - 6579

chemical - 6577

beat - 6570

easier - 6566

shipment - 6554

pick - 6511

christmas - 6501

difficult - 6495

supermarket - 6468

lower - 6465

pure - 6465

berry - 6461

drinker - 6450

delivered - 6442

addition - 6439

acid - 6427

offer - 6415

tiny - 6403

hold - 6402

decent - 6358

matter - 6348

vinegar - 6347

area - 6327

blueberry - 6327

substitute - 6327

chili - 6297

**2.** **Top 5 words representing each cluster and their feature values:**

Cluster 1 :

['love', 'great', 'will', 'good', 'product']

[0.37249051593672894, 0.07194657885744918, 0.04699753620980939, 0.046710982910603334, 0.04336527321005273]

Cluster 2 :

['flavor', 'good', 'great', 'taste', 'love']

[0.34042129968591067, 0.06987814327666585, 0.06497754652702972, 0.053565833636207975, 0.04885196882059559]

Cluster 3 :

['tea', 'taste', 'green', 'flavor', 'good']

[0.5770822381634768, 0.06419958750796122, 0.062130438060764355, 0.06213039860542553, 0.06201684699245717]

Cluster 4 :

['good', 'product', 'price', 'will', 'buy']

[0.40383115873612674, 0.052004878528448366, 0.0432795458627486, 0.04041299056919934, 0.03141073654514349]

Cluster 5 :

['coffee', 'cup', 'good', 'taste', 'flavor']

[0.5192933422605991, 0.11269917307923566, 0.07177600921492645, 0.06427092845616236, 0.0642176149767622]

Cluster 6 :

['taste', 'good', 'great', 'don', 'will']

[0.34667798239439385, 0.08892511310502926, 0.063433867238052, 0.041087124896335536, 0.04098816376119078]

Cluster 7 :

['will', 'amazon', 'best', 'time', 'buy']

[0.05260083797204499, 0.0418433870582892, 0.039902903636373874, 0.0376640152212879, 0.03484096645527708]

Cluster 8 :

['food', 'dog', 'cat', 'eat', 'will']

[0.4430256570701764, 0.1532979088282605, 0.11311780911455048, 0.06894731186434551, 0.05198616752435633]

Cluster 9 :

['great', 'product', 'price', 'good', 'will']

[0.39742593596043213, 0.07113197087823847, 0.05412743716651504, 0.04943929470638004, 0.03880559389076608]

Cluster 10 :

['product', 'amazon', 'will', 'price', 'time']

[0.3930573022769083, 0.09195633871786013, 0.05565081010902573, 0.03531825508002417, 0.03453900571406678]