KIM's DATA

```
[
(0, '0.069*"get" + 0.062*"little" + 0.061*"one" + 0.055*"different" + 0.052*"use" + 0.037*"bit" + 0.029*"se" + 0.028*"thing" + 0.026*"nd" + 0.024*"take"'),                                                                                                    #
(1, '0.102*"happy" + 0.078*"product" + 0.069*"purchase" + 0.047*"great" + 0.043*"im" + 0.042*"enjoy" + 0.039*"always" + 0.032*"&" + 0.030*"memory" + 0.030*"glad"'),                                                                                       # LIKE
(2, '0.069*"definitely" + 0.053*"do" + 0.049*"technology" + 0.037*"data" + 0.034*"io" + 0.029*"cause" + 0.029*"surprise" + 0.028*"11" + 0.024*"others" + 0.023*"bestbuy"'),                                                      #
(3, '0.104*"previous" + 0.104*"model" + 0.024*"truly" + 0.021*"wifi" + 0.020*"par" + 0.020*"today" + 0.019*"slightly" + 0.017*"medium" + 0.017*"ago"'),                                                                  #
(4, '0.047*"day" + 0.041*"year" + 0.040*"use" + 0.038*"2" + 0.030*"time" + 0.029*"week" + 0.029*"every" + 0.026*"month" + 0.025*"get" + 0.024*"one"'),                                                                                                                   #
(5, '0.107*"user" + 0.041*"friendly" + 0.041*"light" + 0.038*"except" + 0.035*"n" + 0.031*"music" + 0.027*"able" + 0.025*"download" + 0.021*"thin" + 0.021*"weight"'),                                                       # POSITIVE FEATURE
(6, '0.099*"price" + 0.051*"high" + 0.028*"system" + 0.027*"point" + 0.027*"pay" + 0.025*"end" + 0.021*"later" + 0.020*"operate" + 0.014*"$1" + 0.012*"say"'),                                                               # PRICE
(7, '0.127*"5" + 0.099*"1" + 0.054*"4" + 0.054*"2" + 0.051*"3" + 0.041*"gb" + 0.025*"mah" + 0.021*"ram" + 0.021*"note" + 0.021*"inch"'),
                # SPECIFICATIONS
(8, '0.042*"camera" + 0.025*"mode" + 0.024*"black" + 0.019*"light" + 0.019*"low" + 0.017*"portrait" + 0.016*"video" + 0.012*"photo" + 0.012*"also" + 0.012*"speaker"'),                                                      # CAMERA
(9, '0.077*"give" + 0.035*"next" + 0.034*"box" + 0.030*"several" + 0.027*"star" + 0.026*"5" + 0.022*"word" + 0.022*"everyone" + 0.016*"lose" + 0.016*"tv"'),                                                                                  #
(10, '0.066*"still" + 0.041*"learn" + 0.038*"difference" + 0.038*"would" + 0.029*"wait" + 0.029*"product" + 0.026*"hope" + 0.025*"review" + 0.024*"help" + 0.021*"post"'),                                                   # UNCERTAIN (TIME)
(11, '0.243*"best" + 0.113*"ever" + 0.066*"yet" + 0.054*"far" + 0.046*"smart" + 0.042*"one" + 0.036*"own" + 0.020*"make" + 0.014*"choice"'),                                                                                                          # LIKE
(12, '0.115*"charge" + 0.060*"wireless" + 0.036*"charger" + 0.031*"water" + 0.023*"ing" + 0.022*"feature" + 0.019*"upgrade" + 0.018*"keep" + 0.018*"fast" + 0.015*"resistant"'),                                 # S8
(13, '0.100*"awesome" + 0.080*"camera" + 0.080*"picture" + 0.069*"nice" + 0.061*"great" + 0.059*"love" + 0.046*"take" + 0.040*"quality" + 0.035*"amazing" + 0.035*"screen"'),                                                # SCREEN
(14, '0.046*"bad" + 0.043*"wish" + 0.036*"sure" + 0.034*"please" + 0.025*"isnt" + 0.025*"wasnt" + 0.025*"impressed" + 0.024*"cheap" + 0.023*"future" + 0.023*"bezel"'),                                                      # NEGATIVE
(15, '0.050*"head" + 0.036*"nothing" + 0.035*"s4" + 0.030*"version" + 0.028*"else" + 0.028*"pixel" + 0.026*"jack" + 0.025*"4gb" + 0.023*"premium" + 0.022*"sony"'),                                                                      #
(16, '0.173*"great" + 0.078*"camera" + 0.068*"fast" + 0.041*"screen" + 0.036*"well" + 0.032*"amaze" + 0.032*"much" + 0.029*"work" + 0.025*"speed" + 0.025*"faster"'),                                                        # LIKE
```
(17, '0.177*"device" + 0.096*"update" + 0.051*"software" + 0.039*"slow" + 0.027*"power" + 0.025*"late" + 0.024*"usage" + 0.019*"test" + 0.019*"drain" + 0.018*"hardware"'),   # SLOW UPDATE
```
(18, '0.050*"bixby" + 0.030*"display" + 0.024*"hold" + 0.023*"screen" + 0.021*"top" + 0.020*"hand" + 0.020*"google" + 0.019*"notch" + 0.017*"turn" + 0.015*"even"'),                                                         # S8
(19, '0.099*"mend" + 0.098*"would" + 0.043*"verizon" + 0.042*"work" + 0.035*"unlocked" + 0.035*"highly" + 0.029*"sim" + 0.029*"card" + 0.028*"carrier" + 0.026*"anyone"'),                                                               #
(20, '0.214*"love" + 0.197*"new" + 0.110*"feature" + 0.051*"upgrade" + 0.047*"great" + 0.037*"camera" + 0.021*"get" + 0.016*"old" + 0.015*"im" + 0.015*"many"'),                                                             # LIKE
```
(21, '0.076*"fingerprint" + 0.048*"back" + 0.043*"scanner" + 0.041*"sensor" + 0.039*"glass" + 0.037*"finger" + 0.028*"delivery" + 0.024*"front" + 0.024*"fragile" + 0.021*"print"'),   # FINGER PRINT
```
(22, '0.138*"face" + 0.112*"id" + 0.111*"work" + 0.072*"gnition" + 0.070*"worth" + 0.044*"facial" + 0.038*"well" + 0.037*"upgraded" + 0.022*"love" + 0.018*"security"'),                                                     # FACE RECOGNITION
(23, '0.097*"button" + 0.072*"home" + 0.066*"get" + 0.062*"use" + 0.031*"take" + 0.025*"like" + 0.018*"miss" + 0.017*"screen" + 0.016*"new" + 0.016*"little"'),                                                              # HOME BUTTON
(24, '0.125*"everything" + 0.071*"expect" + 0.061*"apps" + 0.032*"function" + 0.032*"need" + 0.028*"want" + 0.027*"play" + 0.022*"sound" + 0.022*"game" + 0.021*"speaker"'),                                                 #
(25, '0.139*"size" + 0.136*"screen" + 0.125*"big" + 0.063*"small" + 0.054*"hand" + 0.054*"large" + 0.053*"perfect" + 0.030*"fit" + 0.023*"pocket" + 0.023*"flipkart"'),                                                      # SIZE
(26, '0.047*"review" + 0.038*"us" + 0.031*"usb" + 0.029*"people" + 0.021*"yes" + 0.021*"really" + 0.021*"say" + 0.021*"need" + 0.020*"amazon" + 0.019*"cable"'),                                                                         #
(27, '0.283*"battery" + 0.153*"life" + 0.051*"last" + 0.041*"long" + 0.039*"good" + 0.024*"well" + 0.022*"performance" + 0.021*"charge" + 0.019*"much" + 0.019*"wonderful"'),                                                 # BATTERY
(28, '0.050*"know" + 0.046*"dont" + 0.035*"u" + 0.033*"note" + 0.029*"thats" + 0.028*"im" + 0.026*"well" + 0.025*"like" + 0.023*"think" + 0.022*"say"'),                                                                                             #
```
(29, '0.052*"ok" + 0.034*"actually" + 0.030*"radio" + 0.029*"ugly" + 0.023*"s3" + 0.022*"whole" + 0.020*"yeah" + 0.019*"happen" + 0.016*"stupid" + 0.016*"personally"'),   #
```
(30, '0.068*"case" + 0.061*"screen" + 0.030*"glass" + 0.026*"drop" + 0.024*"protector" + 0.018*"would" + 0.017*"make" + 0.016*"without" + 0.015*"back" + 0.015*"go"'),                                                       # SCREEN FRAGILITY
(31, '0.070*"smooth" + 0.066*"market" + 0.051*"son" + 0.050*"e" + 0.045*"world" + 0.044*"many" + 0.039*"guy" + 0.034*"transition" + 0.026*"available" + 0.025*"right"'),                                                     # UPGRADING
(32, '0.106*"love" + 0.083*"wife" + 0.048*"daughter" + 0.048*"get" + 0.039*"absolutely" + 0.036*"come" + 0.035*"gift" + 0.034*"scratch" + 0.026*"bought" + 0.026*"person"'),                                      # GIFT
(33, '0.261*"buy" + 0.087*"best" + 0.052*"service" + 0.047*"great" + 0.028*"store" + 0.027*"customer" + 0.026*"deal" + 0.026*"get" + 0.018*"sale" + 0.017*"friend"'),                                                        # CUSTOMER SERVICE
```
(34, '0.064*"issue" + 0.062*"call" + 0.048*"problem" + 0.041*"app" + 0.032*"dont" + 0.025*"buying" + 0.024*"open" + 0.021*"hear" + 0.020*"text" + 0.019*"return"'),   #
(35, '0.163*"like" + 0.086*"edge" + 0.071*"really" + 0.059*"screen" + 0.043*"seem" + 0.038*"much" + 0.031*"curve" + 0.022*"look" + 0.021*"well" + 0.017*"think"'),   # S8 SCREEN
```
(36, '0.294*"use" + 0.207*"easy" + 0.041*"great" + 0.033*"love" + 0.021*"get" + 0.020*"set" + 0.019*"fast" + 0.018*"simple" + 0.014*"transfer" + 0.013*"make"'),                                                             # LIKE
(37, '0.366*"good" + 0.089*"excellent" + 0.038*"camera" + 0.036*"quality" + 0.024*"product" + 0.023*"far" + 0.021*"disappoint" + 0.020*"job" + 0.017*"performance" + 0.017*"price"'),      # GOOD
```
(38, '0.121*"android" + 0.048*"switch" + 0.032*"brand" + 0.024*"must" + 0.022*"back" + 0.020*"lg" + 0.020*"go" + 0.019*"g" + 0.019*"user" + 0.018*"well"'),   # SWITCH TO ANDRIOD
```
(39, '0.040*"cant" + 0.036*"money" + 0.031*"go" + 0.024*"buy" + 0.020*"work" + 0.020*"make" + 0.019*"expensive" + 0.019*"extra" + 0.018*"tell" + 0.018*"anything"')
]
```

Issue: the phones are not separated + Many non interpretable topics

OUR DATA
iPhone X

```
[
(0, '0.023*"like" + 0.020*"go" + 0.018*"always" + 0.018*"im" + 0.017*"use" + 0.017*"great" + 0.016*"work" + 0.016*"love" + 0.015*"get" + 0.011*"camera"'),                                                                                #
(1, '0.171*"best" + 0.065*"ever" + 0.041*"yet" + 0.033*"love" + 0.030*"far" + 0.024*"new" + 0.022*"definitely" + 0.018*"market" + 0.014*"buy" + 0.014*"work"'),                                                              #
(2, '0.032*"face" + 0.032*"nice" + 0.030*"love" + 0.028*"get" + 0.025*"really" + 0.021*"id" + 0.018*"gnition" + 0.018*"take" + 0.016*"like" + 0.016*"big"'),                                                                              #
(3, '0.020*"use" + 0.019*"like" + 0.017*"good" + 0.017*"really" + 0.015*"own" + 0.015*"lot" + 0.015*"overall" + 0.015*"daughter" + 0.014*"face" + 0.013*"great"'),                                                                        #
(4, '0.052*"best" + 0.041*"excellent" + 0.035*"great" + 0.033*"ever" + 0.024*"service" + 0.022*"camera" + 0.019*"feature" + 0.016*"good" + 0.016*"use" + 0.016*"speed"'),                                 #
(5, '0.041*"new" + 0.025*"use" + 0.017*"screen" + 0.015*"work" + 0.015*"face" + 0.014*"love" + 0.014*"easy" + 0.013*"one" + 0.012*"home" + 0.012*"thing"'),                                                                               #
(6, '0.040*"get" + 0.024*"love" + 0.021*"use" + 0.017*"good" + 0.017*"much" + 0.014*"great" + 0.011*"android" + 0.011*"especially" + 0.011*"user" + 0.010*"quick"'),                                                         #
(7, '0.032*"price" + 0.027*"use" + 0.020*"get" + 0.013*"still" + 0.013*"11" + 0.012*"tag" + 0.011*"worth" + 0.011*"ive" + 0.010*"love"'),                                                                                                #
(8, '0.030*"id" + 0.025*"new" + 0.025*"much" + 0.022*"face" + 0.018*"feature" + 0.018*"work" + 0.016*"make" + 0.016*"screen" + 0.014*"smart" + 0.013*"good"'),                                                               #
(9, '0.031*"screen" + 0.029*"face" + 0.024*"get" + 0.023*"new" + 0.018*"love" + 0.018*"learn" + 0.015*"id" + 0.015*"gnition" + 0.015*"sleek" + 0.012*"still"'),                                                                           #
(10, '0.070*"awesome" + 0.048*"camera" + 0.036*"love" + 0.026*"new" + 0.025*"feature" + 0.019*"use" + 0.018*"great" + 0.014*"screen" + 0.014*"gnition" + 0.011*"easy"'),                                          #
(11, '0.016*"face" + 0.015*"gnition" + 0.015*"new" + 0.014*"give" + 0.014*"screen" + 0.014*"battery" + 0.013*"like" + 0.013*"well" + 0.012*"button" + 0.012*"take"'),                                                                     #
```
(12, '0.016*"like" + 0.014*"first" + 0.014*"get" + 0.013*"camera" + 0.013*"new" + 0.012*"dont" + 0.012*"good" + 0.011*"one" + 0.010*"model" + 0.010*"close"'),   #
```
(13, '0.056*"use" + 0.046*"button" + 0.045*"get" + 0.044*"home" + 0.037*"love" + 0.034*"great" + 0.025*"take" + 0.024*"easy" + 0.024*"screen" + 0.017*"like"'),                                                              #
```

(14, '0.040*"new" + 0.036*"product" + 0.024*"buy" + 0.021*"seem" + 0.019*"close" + 0.018*"glad" + 0.017*"make" + 0.014*"fan" + 0.013*"step" + 0.013*"time"'),   #
(15, '0.038*"best" + 0.029*"well" + 0.020*"screen" + 0.019*"camera" + 0.018*"expect" + 0.015*"buy" + 0.014*"go" + 0.014*"fantastic" + 0.013*"store"'),   #
(16, '0.035*"screen" + 0.028*"size" + 0.026*"love" + 0.015*"perfect" + 0.014*"get" + 0.011*"really" + 0.011*"battery" + 0.011*"life" + 0.008*"well" + 0.008*"device"'),   #
(17, '0.032*"use" + 0.028*"easy" + 0.023*"new" + 0.020*"much" + 0.017*"camera" + 0.016*"face" + 0.015*"feature" + 0.014*"best" + 0.014*"enjoy" + 0.013*"also"'),   #
(18, '0.027*"love" + 0.019*"screen" + <mark>0.018*"issue" + 0.014*"charge"</mark> + 0.014*"great" + 0.012*"get" + 0.011*"first" + 0.011*"e" + 0.010*"make" + 0.010*"size"'),
(19, '0.076*"amaze" + 0.076*"love" + 0.053*"camera" + 0.043*"mend" + 0.037*"great" + 0.035*"fast" + 0.031*"highly" + 0.023*"feature" + 0.020*"facial" + 0.020*"super"'),   #
(20, '0.034*"great" + 0.027*"love" + 0.019*"feature" + 0.016*"new" + 0.014*"use" + 0.014*"face" + 0.013*"would" + 0.013*"id" + 0.011*"easy" + 0.010*"look"'),   #
(21, '0.028*"screen" + 0.022*"size" + <mark>0.015*"dont"</mark> + 0.015*"get" + 0.014*"great" + <mark>0.012*"make" + 0.011*"upgrade"</mark> + 0.010*"camera" + 0.009*"well" + 0.009*"see"'),
(22, '0.058*"use" + 0.057*"get" + 0.052*"button" + 0.047*"home" + 0.028*"take" + 0.026*"love" + 0.023*"new" + 0.020*"great" + 0.018*"face" + 0.018*"little"'),
(23, '0.027*"button" + 0.026*"home" + 0.025*"facial" + 0.019*"screen" + 0.018*"gnition" + 0.018*"camera" + 0.015*"think" + 0.013*"one" + 0.012*"love" + 0.011*"awesome"'),   #
(24, '0.036*"screen" + 0.036*"size" + 0.035*"really" + 0.029*"big" + 0.027*"like" + 0.020*"small" + 0.019*"upgrade" + 0.017*"great" + 0.017*"facial" + 0.017*"get"'),   #
(25, '0.031*"one" + 0.029*"love" + 0.022*"get" + 0.014*"ive" + 0.012*"screen" + 0.012*"best" + 0.012*"use" + 0.011*"every" + <mark>0.010*"yet" + 0.010*"issue"</mark>'),
(26, '0.041*"screen" + 0.026*"face" + 0.024*"much" + 0.024*"camera" + 0.021*"id" + 0.020*"love" + 0.019*"great" + 0.018*"big" + 0.016*"picture" + 0.015*"work"'),
(27, '0.018*"gnition" + 0.018*"still" + 0.015*"camera" + 0.015*"fast" + 0.013*"new" + 0.013*"amaze" + 0.012*"good" + 0.012*"face" + 0.012*"like"'),
(28, '0.024*"love" + 0.023*"face" + 0.019*"battery" + 0.018*"id" + 0.018*"size" + 0.017*"screen" + 0.016*"like" + 0.016*"far" + <mark>0.015*"android"</mark> + 0.014*"life"'),   #
(29, '0.033*"use" + 0.019*"love" + 0.017*"one" + 0.015*"ever" + 0.015*"great" + 0.015*"new" + 0.014*"since" + 0.013*"first" + 0.013*"ive" + 0.012*"screen"'),
(30, '0.022*"use" + 0.021*"like" + 0.015*"one" + 0.014*"camera" + 0.012*"feature" + 0.011*"would" + <mark>0.011*"enough" + 0.010*"know" + 0.010*"dont" + 0.010*"really"</mark>'),   *UNDERSTANDING OF APPS*
(31, '0.026*"great" + 0.017*"work" + 0.014*"screen" + 0.013*"use" + 0.012*"new" + 0.011*"facial" + 0.011*"wait" + 0.011*"gnition" + 0.010*"get" + 0.010*"like"'),
(32, '0.038*"mend" + 0.024*"display" + 0.021*"purchase" + 0.018*"beautiful" + 0.017*"great" + 0.017*"fast" + 0.016*"anyone" + 0.015*"user" + 0.015*"happy" + 0.014*"good"'),   #
(33, '<mark>0.058*"worth" + 0.024*"upgrade" + 0.022*"best" + 0.019*"dont" + 0.018*"every" + 0.015*"think" + 0.014*"wait" + 0.014*"take" + 0.014*"buy" + 0.012*"great"</mark>'),
(34, '0.025*"screen" + 0.025*"like" + 0.019*"feature" + 0.014*"camera" + 0.013*"gnition" + 0.012*"ever" + 0.011*"love" + 0.011*"call" + 0.011*"button" + 0.010*"home"'),
(35, '0.025*"need" + 0.024*"new" + 0.021*"lot" + 0.019*"feature" + 0.018*"close" + 0.017*"apps" + 0.017*"camera" + 0.017*"love" + 0.015*"screen" + 0.015*"still"'),   #
(36, '0.117*"great" + 0.075*"love" + 0.031*"picture" + 0.027*"everything" + 0.018*"take" + 0.017*"easy" + 0.017*"work" + 0.016*"good" + 0.016*"upgraded" + 0.015*"life"'),   #
(37, '0.028*"screen" + 0.024*"love" + 0.023*"new" + 0.016*"great" + 0.015*"best" + 0.015*"like" + 0.015*"size" + 0.014*"camera" + 0.014*"thing" + 0.014*"get"'),   #
(38, '0.025*"screen" + 0.020*"good" + 0.016*"best" + 0.014*"get" + 0.013*"im" + 0.011*"oled" + 0.011*"around" + 0.010*"easy" + 0.009*"bit" + 0.009*"great"'),   #
(39, '0.043*"love" + 0.022*"im" + 0.019*"work" + 0.019*"great" + 0.019*"well" + 0.017*"thing" + 0.017*"miss" + 0.014*"use" + 0.013*"face" + 0.013*"picture"')   #
]

Too many adjectives: complicate the interpretation

iPhone 8
[
(0, '0.064*"great" + 0.033*"new" + 0.019*"love" + 0.019*"camera" + 0.018*"like" + 0.015*"time" + 0.013*"also" + 0.013*"look" + 0.012*"really" + 0.012*"amaze"'),
(1, '0.114*"great" + 0.059*"love" + 0.039*"size" + 0.035*"picture" + 0.034*"camera" + 0.026*"product" + 0.024*"take" + 0.023*"screen" + 0.021*"good" + 0.017*"work"'),   #
(2, '0.019*"one" + 0.015*"battery" + 0.015*"get" + 0.014*"difference" + 0.013*"way" + 0.013*"like" + 0.013*"life" + 0.013*"finally" + 0.012*"feel" + 0.012*"great"'),   #
(3, '0.028*"u" + 0.019*"like" + 0.017*"use" + 0.016*"user" + 0.016*"upgrade" + 0.015*"every" + 0.013*"one" + 0.013*"last" + 0.013*"best" + 0.013*"year"'),   #
(4, '0.022*"great" + 0.021*"really" + 0.018*"well" + 0.016*"feel" + 0.013*"battery" + 0.012*"use" + 0.012*"get" + 0.011*"think" + 0.011*"charger" + 0.011*"e"'),
(5, '0.072*"love" + 0.061*"daughter" + 0.051*"camera" + 0.044*"great" + 0.036*"feature" + 0.031*"mend" + 0.029*"upgrade" + 0.026*"buy" + 0.025*"awesome" + 0.024*"get"'),   #
(6, '0.031*"one" + 0.022*"much" + 0.021*"year" + 0.018*"im" + 0.018*"would" + 0.016*"at&t" + 0.014*"new" + 0.013*"love" + 0.013*"buy" + 0.012*"learn"'),   #
(7, '0.084*"love" + 0.059*"new" + 0.023*"easy" + 0.019*"camera" + 0.019*"great" + 0.018*"get" + 0.018*"work" + 0.016*"feature" + 0.016*"also" + 0.015*"always"'),   #
(8, '0.026*"great" + 0.025*"feature" + 0.024*"delivery" + 0.023*"right" + 0.018*"glad" + 0.018*"come" + 0.017*"worth" + 0.015*"upgraded" + 0.014*"cheap" + 0.013*"time"'),   #
(9, '0.041*"love" + 0.029*"get" + 0.021*"say" + 0.020*"camera" + 0.019*"daughter" + 0.017*"new" + 0.017*"order" + 0.014*"white" + 0.014*"improvement" + 0.010*"like"'),   #
(10, '0.025*"little" + 0.018*"really" + 0.016*"good" + 0.015*"great" + 0.014*"much" + 0.013*"buy" + 0.013*"use" + 0.010*"pay" + 0.010*"well" + 0.009*"long"'),   #
(11, '0.053*"good" + 0.041*"get" + 0.030*"far" + 0.029*"work" + 0.020*"like" + 0.017*"product" + 0.015*"use" + 0.013*"best" + 0.013*"buy" + 0.013*"great"'),   #
(12, '0.033*"like" + 0.021*"get" + 0.020*"upgrade" + 0.015*"purchase" + 0.015*"pretty" + 0.015*"update" + 0.013*"perfect" + 0.010*"seem" + 0.010*"good" + 0.010*"use"'),   #
(13, '0.032*"like" + 0.026*"get" + 0.025*"new" + 0.022*"gift" + 0.020*"use" + 0.017*<mark>"dont"</mark> + 0.017*"go" + 0.016*"christmas" + 0.015*"buy" + 0.014*"really"'),
(14, '0.078*"use" + 0.051*"easy" + 0.035*"upgrade" + 0.032*"love" + 0.028*"take" + 0.028*"nice" + 0.021*"good" + 0.020*"button" + 0.019*"like" + 0.017*"home"'),
(15, '0.026*"well" + 0.022*"sure" + 0.021*"make" + 0.020*"model" + 0.020*"charge" + 0.016*"helpful" + 0.014*"quality" + 0.014*"like" + 0.014*"go" + 0.014*"find"'),   #
(16, '0.036*"camera" + 0.024*"note" + 0.017*"pixel" + 0.014*"far" + 0.014*"2" + 0.012*"watch" + 0.012*"display" + 0.012*"feature" + 0.011*"light" + 0.011*"work"'),   #
(17, '0.042*"purchase" + 0.026*"well" + 0.019*<mark>"dont"</mark> + 0.018*"feature" + 0.018*"friendly" + 0.017*"love" + 0.015*"probably" + 0.014*"user" + 0.014*"get" + 0.013*"go"'),   #
(18, '0.044*"great" + 0.038*"work" + 0.031*"upgrade" + 0.026*"get" + 0.017*"ive" + 0.017*"charge" + 0.015*"buy" + 0.015*"far" + 0.014*"happy" + 0.013*"im"'),   #
(19, '0.036*"charge" + 0.034*"upgrade" + 0.033*"new" + 0.031*"upgraded" + 0.030*"wireless" + 0.027*"well" + 0.023*"different" + 0.020*"like" + 0.020*"much" + 0.019*"seem"'),   #
(20, '0.099*"love" + 0.040*"buy" + 0.036*"new" + 0.034*"son" + 0.027*"make" + 0.026*"best" + 0.021*"purchase" + 0.019*"old" + 0.015*"year" + 0.015*"nice"'),   #
(21, '<mark>0.021*"use" + 0.017*"new" + 0.014*"camera" + 0.013*"4" + 0.012*"time" + 0.011*"purchase" + 0.010*"still" + 0.010*"cant" + 0.009*"upgrade" + 0.008*"get"</mark>'),   #
(22, '0.015*"would" + 0.015*"work" + 0.015*"one" + <mark>0.015*"battery" + 0.013*"head" + 0.013*"jack"</mark> + 0.013*"new" + 0.013*"change" + 0.012*"love" + 0.012*"like"'),   #
(23, '0.029*"get" + 0.027*"battery" + 0.014*"work" + 0.014*"upgrade" + 0.014*"far" + 0.014*"processor" + 0.013*"good" + 0.013*"faster" + 0.012*"button" + 0.011*"basically"'),   #
(24, '<mark>0.024*"wouldnt" + 0.019*"charge" + 0.014*"dont" + 0.014*"support" + 0.013*"1" + 0.013*"respond" + 0.013*"buy" + 0.013*"day" + 0.012*"great" + 0.012*"fast"</mark>'),   #
(25, '0.028*"g5" + 0.016*"android" + 0.015*"like" + 0.015*"2" + 0.013*"use" + 0.012*"pixel" + 0.011*"camera" + 0.010*"update" + 0.010*"google" + 0.009*"seem"'),   #
(26, '0.041*"5" + 0.018*"upgrade" + 0.017*"new" + 0.015*"much" + 0.014*"like" + 0.014*"3" + 0.013*"glass" + 0.012*"fast" + 0.012*"fan" + 0.012*"another"'),
(27, '0.031*"charge" + 0.029*"wireless" + 0.022*"upgrade" + 0.018*"though" + 0.017*"go" + 0.015*"speaker" + 0.015*"software" + 0.014*"fast" + 0.013*"use" + 0.012*"even"'),   #
(28, '0.029*"happy" + 0.024*"get" + 0.017*"well" + 0.015*"like" + 0.011*"camera" + 0.011*"size" + 0.010*"new" + 0.009*"work" + 0.009*"good" + 0.009*"portrait"'),   #
(29, '0.063*"life" + 0.062*"battery" + 0.044*"faster" + 0.044*"much" + 0.033*"new" + 0.032*"camera" + 0.021*"like" + 0.020*"use" + 0.020*"well" + 0.019*"good"'),   #
(30, '0.025*"way" + <mark>0.024*"issue"</mark> + 0.021*"use" + 0.016*"great" + 0.016*"go" + 0.015*"speaker" + 0.012*"love" + 0.012*"new" + 0.012*"far" + 0.012*"&"'),   #
(31, '0.019*"window" + 0.016*"2" + 0.014*"unlocked" + 0.014*"good" + 0.012*<mark>"android"</mark> + 0.012*"network" + 0.012*"new" + 0.011*"change" + 0.011*"really" + 0.011*"store"'),   #
(32, '0.045*"go" + 0.037*"expect" + 0.022*"large" + 0.016*"say" + 0.015*"old" + 0.014*"get" + 0.013*"buy" + 0.013*"nice" + 0.013*<mark>"cant"</mark> + 0.012*"back"'),
(33, '0.037*"like" + 0.030*"one" + 0.020*"say" + 0.019*"product" + 0.018*"get" + 0.018*"would" + 0.017*"im" + 0.014*"best" + 0.014*"love" + 0.013*"less"'),   #
(34, '0.046*"love" + 0.024*"first" + 0.023*"screen" + 0.021*"best" + 0.020*"scratch" + 0.019*"ever" + 0.017*"new" + 0.016*"size" + 0.014*"set" + 0.013*"choice"'),
(35, '0.027*"wireless" + 0.023*"awesome" + 0.021*"camera" + 0.018*"good" + 0.016*"ear" + 0.016*"long" + 0.015*"use" + 0.014*"upgrade" + 0.014*"need" + 0.013*"time"'),   #
(36, '0.040*"excellent" + 0.022*"camera" + 0.020*"use" + 0.018*"easy" + 0.017*"great" + 0.016*"figure" + 0.016*"get" + 0.014*"one" + 0.014*"thing" + 0.013*"still"'),   #
(37, '0.020*"get" + 0.019*"great" + 0.017*"would" + <mark>0.017*"problem"</mark> + 0.015*"store" + 0.015*"day" + 0.013*"time" + 0.012*"tell" + 0.011*"one" + 0.009*"battery"'),   #

(38, '0.023*"best" + 0.021*"fast" + 0.020*"design" + 0.018*"time" + 0.017*"big" + 0.015*"thanks" + 0.014*"like" + 0.014*"look" + 0.014*"get" + 0.014*"buy"'),   #
(39, '0.029*"present" + 0.027*"christmas" + 0.020*"want" + 0.017*"love" + 0.016*"much" + 0.016*"get" + 0.016*"little" + 0.015*"update" + 0.015*"version" + 0.015*"another"') #
]

Samsung S8
[
(0, '0.025*"switch" + 0.023*"wifi" + 0.019*"weight" + 0.017*"operate" + 0.014*"happy" + 0.012*"design" + 0.012*"capability" + 0.012*"hop" + 0.011*"wish" + 0.010*"one"'),   #
(1, '0.201*"good" + 0.057*"product" + 0.036*"great" + 0.031*"service" + 0.026*"buy" + 0.016*"price" + 0.015*"best" + 0.015*"customer" + 0.014*"well" + 0.013*"fantastic"'),   #
(2, '0.024*"use" + 0.014*"function" + 0.012*"battery" + 0.010*"take" + 0.010*"life" + 0.010*"well" + 0.009*"get" + 0.009*"day" + 0.008*"quality" + 0.008*"display"'),   #
(3, '0.019*"interface" + 0.019*"proof" + 0.018*"type" + 0.015*"edge" + 0.014*"case" + 0.014*"know" + 0.014*"water" + 0.013*"smart" + 0.013*"excelente" + 0.012*"dream"'),   #
(4, '0.025*"crack" + 0.024*"screen" + 0.018*"back" + 0.017*"first" + 0.016*"glass" + 0.016*"go" + 0.015*"5" + 0.013*"drop" + 0.011*"week" + 0.010*"time"'),   *FRAGILE SCREEN*   #
(5, '0.174*"nice" + 0.048*"wonderful" + 0.031*"come" + 0.023*"amazing" + 0.018*"call" + 0.015*"exactly" + 0.015*"seal" + 0.012*"expect" + 0.012*"root" + 0.012*"want"'),   #
(6, '0.104*"battery" + 0.063*"life" + 0.055*"great" + 0.023*"last" + 0.020*"long" + 0.019*"day" + 0.017*"feature" + 0.017*"good" + 0.015*"lot" + 0.015*"screen"'),   #
(7, '0.057*"carrier" + 0.031*"work" + 0.031*"unlock" + 0.028*"get" + 0.025*"service" + 0.025*"att" + 0.023*"version" + 0.020*"unlocked" + 0.017*"mobile" + 0.017*"store"'),   #
(8, '0.016*"get" + 0.012*"screen" + 0.012*"2" + 0.011*"3" + 0.011*"even" + 0.011*"day" + 0.010*"issue" + 0.010*"back" + 0.008*"would" + 0.008*"one"'),   #
(9, '0.015*"want" + 0.014*"new" + 0.013*"dont" + 0.013*"edge" + 0.011*"battery" + 0.011*"like" + 0.011*"work" + 0.011*"would" + 0.010*"buy" + 0.010*"apps"'),   #
(10, '0.018*"screen" + 0.018*"edge" + 0.017*"9" + 0.017*"1" + 0.016*"camera" + 0.014*"year" + 0.012*"g" + 0.012*"5" + 0.011*"ratio" + 0.010*"2"'),   #
(11, '0.078*"really" + 0.058*"like" + 0.036*"love" + 0.030*"wife" + 0.029*"get" + 0.024*"note" + 0.023*"ol" + 0.016*"im" + 0.014*"glad" + 0.013*"great"'),   #
(12, '0.028*"price" + 0.024*"time" + 0.023*"get" + 0.018*"pay" + 0.018*"update" + 0.014*"buy" + 0.013*"tell" + 0.013*"still" + 0.012*"new" + 0.012*"money"'),   #
(13, '0.022*"well" + 0.021*"item" + 0.020*"user" + 0.020*"keep" + 0.019*"good" + 0.016*"edge" + 0.015*"sleek" + 0.015*"design" + 0.014*"yet" + 0.014*"heavy"'),   #
(14, '0.025*"text" + 0.021*"word" + 0.018*"get" + 0.017*"ndition" + 0.014*"feature" + 0.013*"folder" + 0.013*"one" + 0.013*"horrible" + 0.013*"spell" + 0.011*"4th"'),   #
(15, '0.034*"bixby" + 0.033*"button" + 0.026*"screen" + 0.025*"use" + 0.010*"great" + 0.010*"thing" + 0.009*"get" + 0.009*"home" + 0.008*"like" + 0.007*"well"'),   #
(16, '0.040*"amaze" + 0.024*"screen" + 0.014*"anything" + 0.014*"feature" + 0.013*"charge" + 0.012*"battery" + 0.012*"back" + 0.011*"many" + 0.010*"need" + 0.010*"great"'),   #
(17, '0.106*"awesome" + 0.062*"love" + 0.052*"user" + 0.040*"well" + 0.031*"son" + 0.027*"hand" + 0.026*"quality" + 0.025*"friendly" + 0.023*"fit" + 0.021*"absolutely"'),   #
(18, '0.044*"much" + 0.037*"screen" + 0.031*"fast" + 0.027*"feature" + 0.026*"edge" + 0.022*"super" + 0.018*"small" + 0.018*"like" + 0.017*"look" + 0.016*"faster"'),   #
(19, '0.047*"great" + 0.015*"bixby" + 0.015*"screen" + 0.014*"hate" + 0.014*"work" + 0.013*"otherwise" + 0.010*"buy" + 0.009*"good" + 0.009*"live" + 0.008*"big"'),   #
(20, '0.189*"excellent" + 0.020*"use" + 0.017*"battery" + 0.017*"game" + 0.016*"version" + 0.015*"great" + 0.014*"camera" + 0.013*"product" + 0.012*"order" + 0.012*"service"'),   #
(21, '0.125*"screen" + 0.041*"protector" + 0.037*"case" + 0.029*"glass" + 0.022*"drop" + 0.020*"get" + 0.020*"break" + 0.018*"curve" + 0.017*"edge" + 0.017*"scratch"'),   *FRAGILE SCREEN* #*AGAIN*
(22, '0.167*"love" + 0.077*"great" + 0.072*"easy" + 0.062*"use" + 0.056*"new" + 0.041*"camera" + 0.037*"feature" + 0.026*"perfect" + 0.024*"take" + 0.020*"picture"'),   #
(23, '0.025*"make" + 0.024*"switch" + 0.021*"easy" + 0.020*"thank" + 0.019*"learn" + 0.018*"outstanding" + 0.016*"new" + 0.015*"par" + 0.015*"take" + 0.014*"use"'),   #
(24, '0.028*"get" + 0.020*"screen" + 0.019*"like" + 0.016*"camera" + 0.013*"little" + 0.012*"well" + 0.011*"s5" + 0.011*"also" + 0.011*"much" + 0.010*"good"'),   #
(25, '0.062*"camera" + 0.048*"great" + 0.035*"design" + 0.024*"good" + 0.021*"display" + 0.020*"sleek" + 0.018*"performance" + 0.018*"feature" + 0.016*"quality" + 0.016*"amaze"'), #
(26, '0.030*"still" + 0.029*"ive" + 0.024*"month" + 0.022*"learn" + 0.022*"far" + 0.021*"new" + 0.021*"use" + 0.021*"week" + 0.020*"day" + 0.018*"im"'),   #
(27, '0.015*"use" + 0.012*"screen" + 0.011*"like" + 0.009*"camera" + 0.009*"fingerprint" + 0.008*"scanner" + 0.008*"well" + 0.007*"work" + 0.007*"battery" + 0.007*"look"'),   #
(28, '0.030*"thanks" + 0.020*"s3" + 0.019*"get" + 0.018*"love" + 0.012*"office" + 0.012*"ir" + 0.012*"ol" + 0.012*"would" + 0.011*"remote" + 0.011*"blaster"'),   #
(29, '0.019*"product" + 0.016*"buy" + 0.015*"nothing" + 0.014*"great" + 0.013*"charge" + 0.013*"problem" + 0.012*"top" + 0.011*"dex" + 0.011*"day" + 0.010*"use"'),   #
(30, '0.037*"wow" + 0.032*"fine" + 0.028*"brand" + 0.026*"breeze" + 0.023*"beat" + 0.014*"shiny" + 0.013*"daily" + 0.012*"depend" + 0.011*"share" + 0.010*"look"'),   #
(31, '0.076*"work" + 0.058*"sim" + 0.042*"card" + 0.033*"great" + 0.032*"verizon" + 0.021*"expect" + 0.019*"happy" + 0.018*"new" + 0.017*"network" + 0.017*"cell"'),   #
(32, '0.073*"everything" + 0.032*"buy" + 0.026*"s5" + 0.025*"upgraded" + 0.024*"love" + 0.020*"upgrade" + 0.015*"ok" + 0.014*"like" + 0.011*"new" + 0.011*"daughter"'),   #
(33, '0.017*"use" + 0.016*"get" + 0.014*"usb" + 0.011*"like" + 0.010*"thing" + 0.010*"one" + 0.010*"screen" + 0.009*"old" + 0.009*"adapter" + 0.008*"would"'),   #
(34, '0.021*"charger" + 0.021*"use" + 0.019*"charge" + 0.016*"make" + 0.016*"one" + 0.015*"set" + 0.013*"change" + 0.013*"seem" + 0.012*"get"'),   #
(35, '0.022*"purchase" + 0.014*"sale" + 0.014*"im" + 0.014*"orchid" + 0.013*"call" + 0.013*"smart" + 0.012*"year" + 0.011*"simply" + 0.011*"gray" + 0.011*"happy"'),   #
(36, '0.022*"feature" + 0.022*"great" + 0.017*"one" + 0.016*"fast" + 0.015*"1st" + 0.014*"bixby" + 0.013*"like" + 0.012*"without" + 0.011*"time" + 0.010*"ai"'),   #
(37, '0.103*"&" + 0.039*"call" + 0.035*"expectation" + 0.027*"trade" + 0.021*"exceed" + 0.017*"build" + 0.016*"feature" + 0.016*"ready" + 0.015*"language" + 0.014*"rock"'),   #
(38, '0.023*"apps" + 0.022*"app" + 0.016*"software" + 0.015*"one" + 0.012*"get" + 0.012*"use" + 0.012*"store" + 0.011*"google" + 0.011*"device" + 0.011*"go"'),   #
(39, '0.111*"best" + 0.043*"ever" + 0.038*"great" + 0.036*"mend" + 0.032*"would" + 0.022*"one" + 0.020*"ive" + 0.018*"far" + 0.017*"own" + 0.017*"buy"')
]