```
 1 /Library/Frameworks/Python.framework/Versions/3.8/bin/python3 /
   Users/saltrupiano/PycharmProjects/CloudComputingSecurityNLP/
   main.py
 2 ********************************************************************
   **********************************
 3 *****************************WELCOME TO CSI5420 NLP URL
   Processor!*****************************
 4 ********************************************************************
   **********************************
 5 Please enter URLs for NLP Processing with Spacy Library:
 6 https://www.trustradius.com/encryption-key-management
 7 Any other URLs for processing? Enter Y for yes, and N for no:
 8 Y
 9 Please enter URLs for NLP Processing with Spacy Library:
10 https://sourceforge.net/software/key-management/
11 Any other URLs for processing? Enter Y for yes, and N for no:
12 Y
13 Please enter URLs for NLP Processing with Spacy Library:
14 https://www.reddit.com/r/aws/comments/izpybb/
   aws_managed_vs_customer_managed_key/
15 Any other URLs for processing? Enter Y for yes, and N for no:
16 Y
17 Please enter URLs for NLP Processing with Spacy Library:
18 https://www.reddit.com/r/aws/comments/zrukzp/
   ebs_encryption_and_kms/
19 Any other URLs for processing? Enter Y for yes, and N for no:
20 Y
21 Please enter URLs for NLP Processing with Spacy Library:
22 https://news.ycombinator.com/item?id=19484167
23 Any other URLs for processing? Enter Y for yes, and N for no:
24 Y
25 Please enter URLs for NLP Processing with Spacy Library:
26 https://news.ycombinator.com/item?id=13725247
27 Any other URLs for processing? Enter Y for yes, and N for no:
28 Y
29 Please enter URLs for NLP Processing with Spacy Library:
30 https://news.ycombinator.com/item?id=13409381
31 Any other URLs for processing? Enter Y for yes, and N for no:
32 Y
33 Please enter URLs for NLP Processing with Spacy Library:
34 https://news.ycombinator.com/item?id=17015944
35 Any other URLs for processing? Enter Y for yes, and N for no:
```

```
36 Y
37 Please enter URLs for NLP Processing with Spacy Library:
38 https://news.ycombinator.com/item?id=34403852&ref=upstract.com
39 Any other URLs for processing? Enter Y for yes, and N for no:
40 Y
41 Please enter URLs for NLP Processing with Spacy Library:
42 https://news.ycombinator.com/item?id=34386728
43 Any other URLs for processing? Enter Y for yes, and N for no:
44 N
45 URLs List:
46 ['https://www.trustradius.com/encryption-key-management', '
   https://sourceforge.net/software/key-management/', 'https://www
   .reddit.com/r/aws/comments/izpybb/
   aws_managed_vs_customer_managed_key/', 'https://www.reddit.com/
   r/aws/comments/zrukzp/ebs_encryption_and_kms/', 'https://news.
   ycombinator.com/item?id=19484167', 'https://news.ycombinator.
   com/item?id=13725247', 'https://news.ycombinator.com/item?id=
   13409381', 'https://news.ycombinator.com/item?id=17015944', '
   https://news.ycombinator.com/item?id=34403852&ref=upstract.com
   ', 'https://news.ycombinator.com/item?id=34386728']
47 Running and scraping for the following URL:  https://www.
   trustradius.com/encryption-key-management
48
49
50   ************** SENTIMENT SCORE REPORT FOR URL https://www.
   trustradius.com/encryption-key-management **************
51
52
53 Sentiment Score:
54 [0.05]
55
56 Sentiment Label:
57 ['Positive']
58
59 Positive Words:
60 ['agile, aware, easily, respectively, modern, certain, secure,
   more, free, top, popular, available, own, complete, logical,
   strong, direct, clear, most, new, responsible, able, fresh,
   kind, sensitive, large, main, offers, full']
61
62 Negative Words:
63 ['remote, other, black, failure, long, less, small, single,
```

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63 vulnerable, insecure, never, commonly']
64
65
66  ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://www.trustradius.com/encryption-key-management
    **************
67 Running and scraping for the following URL:  https://
    sourceforge.net/software/key-management/
68
69
70  ************** SENTIMENT SCORE REPORT FOR URL https://
    sourceforge.net/software/key-management/ **************
71
72
73 Sentiment Score:
74 [0.14]
75
76 Sentiment Label:
77 ['Positive']
78
79 Positive Words:
80 ['relevant, bright, rich, more, busy, greatly, intelligent,
    detailed, skilled, new, becoming, supporting, clean, widely,
    consistent, offers, smart, secure, seamlessly, better, exact,
    advanced, available, own, professional, complete, latest,
    effective, real, accurate, developed, ideal, quick, clear,
    most, light, unique, securely, accurately, much, significantly
    , easily, sure, broad, top, fast, quickly, capable, mainly,
    first, highly, confidently, frequently, right, currently,
    important, easy, thanks, large, vital, higher, high, many,
    lastly, modern, certain, powerful, free, challenging, safe,
    hot, directly, gladly, exactly, safely, interested,
    responsible, professionally, primary, generally, full, best,
    able, superior, sensitive, greater']
81
82 Negative Words:
83 ['waste, tight, previous, minimal, past, center, due, less,
    difficult, destroy, secret, repetitive, remotely, wide, no,
    expensive, narrow, complex, small, down, remote, typically,
    average, other, base, drag, few, usually, single, wasted,
    common']
84
```

```
 85
 86   ************** END OF SENTIMENT SCORE REPORT FOR URL https
     ://sourceforge.net/software/key-management/ **************
 87 Running and scraping for the following URL:  https://www.
     reddit.com/r/aws/comments/izpybb/
     aws_managed_vs_customer_managed_key/
 88
 89
 90   ************** SENTIMENT SCORE REPORT FOR URL https://www.
     reddit.com/r/aws/comments/izpybb/
     aws_managed_vs_customer_managed_key/ **************
 91
 92
 93 Sentiment Score:
 94 [0.24]
 95
 96 Sentiment Label:
 97 ['Positive']
 98
 99 Positive Words:
100 ['real, amazing, thanks, married, secure, most, more, first,
     popular, best']
101
102 Negative Words:
103 ['hollow, military, secret, other']
104
105
106   ************** END OF SENTIMENT SCORE REPORT FOR URL https
     ://www.reddit.com/r/aws/comments/izpybb/
     aws_managed_vs_customer_managed_key/ **************
107 Running and scraping for the following URL:  https://www.
     reddit.com/r/aws/comments/zrukzp/ebs_encryption_and_kms/
108
109
110   ************** SENTIMENT SCORE REPORT FOR URL https://www.
     reddit.com/r/aws/comments/zrukzp/ebs_encryption_and_kms
     / **************
111
112
113 Sentiment Score:
114 [0.24]
115
```

116 Sentiment Label:
117 ['Positive']
118
119 Positive Words:
120 ['real, amazing, married, more, first, popular, best']
121
122 Negative Words:
123 ['hollow, military, mean']
124
125
126 ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://www.reddit.com/r/aws/comments/zrukzp/ebs_encryption_and_kms
    / **************
127 Running and scraping for the following URL: https://news.
    ycombinator.com/item?id=19484167
128
129
130 ************** SENTIMENT SCORE REPORT FOR URL https://news.
    ycombinator.com/item?id=19484167 **************
131
132
133 Sentiment Score:
134 [0.01]
135
136 Sentiment Label:
137 ['Positive']
138
139 Positive Words:
140 ['much, aware, easily, sure, modern, pretty, secure, more,
    better, very, safe, primarily, first, not, directly, legal,
    safely, clear, most, favorite, new, distinct, generally,
    unique, straightforward, kind, right, thanks, worth, original
    , far']
141
142 Negative Words:
143 ['past, long, due, weak, less, poor, vulnerable, never, very,
    raw, actively, secret, not, fails, least, impossible, partial
    , dangerous, complex, slow, random, broken, few, usually,
    single']
144
145
146 ************** END OF SENTIMENT SCORE REPORT FOR URL https

146 ://news.ycombinator.com/item?id=19484167 **************
147 Running and scraping for the following URL: https://news.
    ycombinator.com/item?id=13725247
148
149
150 ************** SENTIMENT SCORE REPORT FOR URL https://news.
    ycombinator.com/item?id=13725247 **************
151
152
153 Sentiment Score:
154 [0.13]
155
156 Sentiment Label:
157 ['Positive']
158
159 Positive Words:
160 ['much, general, sure, definitely, whole, pretty, secure, many
    , seamlessly, perfect, more, true, better, free, similarly,
    wow, top, very, pleasant, really, greatly, own, fair, mostly,
    safe, overwhelming, first, good, cool, :), legal, live,
    awesome, high, most, favorite, new, great, frequently,
    generally, best, able, superior, right, important, thanks,
    worth, far, offers, older, cheap']
161
162 Negative Words:
163 ['minimal, past, long, mean, late, less, poor, half, bad,
    horrific, very, raw, wrong, difficult, simply, least, not,
    unable, impossible, cow, slow, worse, hard, other, single
    , :(, mess, roughly, predictable']
164
165
166 ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://news.ycombinator.com/item?id=13725247 **************
167 Running and scraping for the following URL: https://news.
    ycombinator.com/item?id=13409381
168
169
170 ************** SENTIMENT SCORE REPORT FOR URL https://news.
    ycombinator.com/item?id=13409381 **************
171
172
173 Sentiment Score:

174 [0.08]
175
176 Sentiment Label:
177 ['Positive']
178
179 Positive Words:
180 ['more, successful, willing, reasonable, fine, accessible, old
    , bare, barely, absolutely, new, useful, particular, kind,
    supporting, especially, relatively, clean, nicely, far,
    strongly, smart, social, smooth, pretty, secure, potentially,
    better, exact, advanced, very, cheap, largely, available, own
    , bizarre, tremendous, complete, special, effective, not,
    effectively, sound, real, legal, clear, most, legally, unique
    , proves, unusual, much, nearly, sure, ;), innovative,
    economic, true, top, really, fair, rare, quickly, first,
    sophisticated, good, live, great, right, genuinely, easy,
    thanks, large, high, many, major, general, happy, certain,
    whole, mostly, safe, huge, fixed, directly, exactly, nice,
    interested, favorite, generally, best, top-notch, able,
    interesting, absolute, alive, positive, worth, physically,
    familiar, full']
181
182 Negative Words:
183 ['much, previous, mean, past, center, long, due, late, less,
    sad, little, bad, never, tries, very, utterly, extremely,
    really, merely, actively, wrong, limited, black, hidden, nasty
    , sec, redundant, secret, distant, not, least, dead, false,
    effectively, destroying, vague, impossible, wide, curious,
    worst, absolutely, firm, arbitrarily, expensive, complex,
    small, evil, game, worse, forced, slightly, random, dumb,
    closed, hard, other, relatively, negative, broken, fail, few,
    single, behind, secretly, roughly, common']
184
185
186 ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://news.ycombinator.com/item?id=13409381 **************
187 Running and scraping for the following URL: https://news.
    ycombinator.com/item?id=17015944
188
189
190 ************** SENTIMENT SCORE REPORT FOR URL https://news.
    ycombinator.com/item?id=17015944 **************

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191
192
193 Sentiment Score:
194 [0.09]
195
196 Sentiment Label:
197 ['Positive']
198
199 Positive Words:
200 ['legal, action, own, important, favorite, new, useful, more,
    unexpectedly']
201
202 Negative Words:
203 ['fails, past, not']
204
205
206  ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://news.ycombinator.com/item?id=17015944 **************
207 Running and scraping for the following URL:  https://news.
    ycombinator.com/item?id=34403852&ref=upstract.com
208
209
210  ************** SENTIMENT SCORE REPORT FOR URL https://news.
    ycombinator.com/item?id=34403852&ref=upstract.com
     **************
211
212
213 Sentiment Score:
214 [0.05]
215
216 Sentiment Label:
217 ['Positive']
218
219 Positive Words:
220 ['much, aware, sure, incredibly, pretty, secure, more, better
    , similarly, very, really, extremely, largely, available,
    surprised, own, quickly, welcome, huge, win, static, old,
    first, not, effective, fixed, sound, real, effectively,
    directly, legal, exactly, favorite, new, meaningful, useful,
    normally, best, appropriate, kind, right, supporting,
    important, sensitive, easy, worth, winning, large, far, main,
    many, major, familiar']
```

221
222 Negative Words:
223 ['waste, center, past, long, less, poor, crazy, tries, insane
    , very, raw, extremely, useless, difficult, limited, failure,
    naively, flawed, questionable, redundant, terrible, not, least
    , dead, false, cynical, wide, harder, fuck, curious, no,
    expensive, complex, small, typically, game, subject, random,
    dumb, hard, other, fail, heavily, casual, few, odd, behind,
    single, ordinary']
224
225
226 ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://news.ycombinator.com/item?id=34403852&ref=upstract.com
    ****
227 Running and scraping for the following URL: https://news.
    ycombinator.com/item?id=34386728
228
229
230 ************** SENTIMENT SCORE REPORT FOR URL https://news.
    ycombinator.com/item?id=34386728 **************
231
232
233 Sentiment Score:
234 [0.12]
235
236 Sentiment Label:
237 ['Positive']
238
239 Positive Words:
240 ['much, aware, happy, easily, incredibly, sure, older, pretty
    , broad, many, more, far, better, powerful, advanced, very,
    popular, really, reasonable, fine, own, mostly, professional,
    fair, fast, wins, logical, old, sophisticated, good, bare,
    directly, legal, no, live, amazing, exactly, most, favorite,
    new, honestly, significant, able, best, okay, particular,
    completely, right, kind, sensitive, easy, high, main, securely
    , perfect, major, full']
241
242 Negative Words:
243 ['expected, lame, historically, past, failed, totally, less,
    bad, tightly, secret, least, actually, impossible, harder,
    complex, small, down, hard, average, other, delicate, few,

```
243 single, mess, common']
244
245
246  ************** END OF SENTIMENT SCORE REPORT FOR URL https
    ://news.ycombinator.com/item?id=34386728 **************
247
248 Process finished with exit code 0
249
```