

task1_2

November 29, 2023

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[ ]: import gensim, logging, numpy as np
import help_functions as hf
import nltk
import matplotlib.pyplot as plt
import matplotlib
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[ ]: def word2vec(dim):
    logging.basicConfig(format='%(asctime)s : %(levelname)s : %(message)s',
    ↪level=logging.INFO)
    lemmatizer = nltk.WordNetLemmatizer() # create a lemmatizer

    sentences = []
    file = open("lemmatized.text", "r")

    for line in file: # read the file and create list which contains all
    ↪sentences found in the text
        sentences.append(line.split())
        # train word2vec on the two sentences

    dimension = dim # parameter for Word2vec size of vectors for word embedding

    threshold = 0.00055 # parameter for Word2vec

    sum = 0.0

    #
    model = gensim.models.Word2Vec(sentences, min_count=1, sample=threshold,
    ↪sg=1, vector_size=dimension) # create model using Word2Vec with the given
    ↪parameters
    #
    print(len(model.wv.key_to_index)) # check the length of the vocabulary
    ↪which was formed by Word2Vec

    #The rest implements passing TOEFL tests
    i = 0 #counter for TOEFL tests
    number_of_tests = 80
```

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text_file = open('new_toefl.txt', 'r')
right_answers = 0 # variable for correct answers
number_skipped_tests = 0 # some tests could be skipped if there are no
↳corresponding words in the vocabulary extracted from the training corpus
while i < number_of_tests:
    line = text_file.readline() #read line in the file
    words = line.split() # extract words from the line
    try:
        words = [lemmatizer.lemmatize(lemmatizer.lemmatize(lemmatizer.
↳lemmatize(word, 'v'), 'n'), 'a') for word in
                    words] # lemmatize words in the current test
        vectors = []
        if words[0] in model.wv: # check if there embedding for the query
↳word
            k = 1 #counter for loop iterating over 5 words in the test
            vectors.append(model.wv[words[0]])
            while k < 5:
                if words[k] in model.wv: # if alternative has the embedding
                    vectors.append(model.wv[words[k]]) #assing the learned
↳vector
                else:
                    vectors.append(np.random.randn(dimension)) #assing
↳random vector
            k += 1
            right_answers += hf.get_answer_mod(vectors) #find the closest
↳vector and check if it is the correct answer

        except KeyError: # if there is no representation for the query vector
↳than skip
            number_skipped_tests += 1
            print("skipped test: " + str(i) + "; Line: " + str(words))
        except IndexError:
            print(i)
            print(line)
            print(words)
            break
        i += 1
    text_file.close()
    sum += 100 * float(right_answers) / float(number_of_tests) #get the
↳percentage
    print("Threshold freq = " + str(threshold)+" Percentage of correct answers:
↳" + str(sum) + "%")
    return sum

def plot_dimensionality_vs_accuracies(dict):
    points = len(next(iter(dict.values())))

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```

colors = matplotlib.cm.rainbow(np.linspace(0, 1, points))
color_index = 0
for dimension in dict.keys():
    for simulation in dict[dimension]:
        print("Dimension", dimension, "with Accuracy", simulation)
        plt.scatter(dimension, simulation, color=colors[color_index])
        color_index += 1
    color_index = 0
plt.title('Dimensionality vs Accuracy')
plt.ylabel('Accuracy')
plt.xlabel('Dimensions')
plt.ylim(0, 100)
plt.show()

def run_several_dimensions(dimensions, simulations):
    accuracies = {}
    for dimension in dimensions:
        tempdict = []
        for simulation in range(simulations):
            accuracy = word2vec(dimension)
            tempdict.append(accuracy)
        accuracies[dimension] = np.array(tempdict)
    return accuracies

```

```
[ ]: plot_dimensionality_vs_accuracies(run_several_dimensions([10,100,1000], 3))
```

```

2023-11-07 17:50:46,761 : INFO : collecting all words and their counts
2023-11-07 17:50:46,763 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 17:50:46,788 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 17:50:46,836 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 17:50:46,866 : INFO : PROGRESS: at sentence #30000, processed 367772
words, keeping 12635 word types
2023-11-07 17:50:46,954 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 17:50:47,034 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 17:50:47,095 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 17:50:47,141 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 17:50:47,180 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 17:50:47,221 : INFO : PROGRESS: at sentence #90000, processed 1271320
words, keeping 25783 word types

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2023-11-07 17:50:47,251 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 17:50:47,296 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 17:50:47,335 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 17:50:47,372 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 17:50:47,417 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 17:50:47,455 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 17:50:47,485 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 17:50:47,528 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 17:50:47,575 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
2023-11-07 17:50:47,623 : INFO : PROGRESS: at sentence #190000, processed
2585994 words, keeping 34347 word types
2023-11-07 17:50:47,667 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 17:50:47,703 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 17:50:47,738 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 17:50:47,777 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 17:50:47,818 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 17:50:47,867 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 17:50:47,898 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 17:50:47,935 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 17:50:47,983 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 17:50:48,025 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 17:50:48,066 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 17:50:48,104 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 17:50:48,150 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 17:50:48,192 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types

2023-11-07 17:50:48,226 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 17:50:48,270 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 17:50:48,319 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 17:50:48,366 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 17:50:48,403 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 17:50:48,441 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 17:50:48,472 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 17:50:48,505 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 17:50:48,544 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 17:50:48,587 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 17:50:48,623 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 17:50:48,663 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 17:50:48,729 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 17:50:48,791 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 17:50:48,835 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 17:50:48,881 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 17:50:48,922 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 17:50:48,958 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 17:50:48,994 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 17:50:49,035 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 17:50:49,106 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 17:50:49,158 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 17:50:49,212 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 17:50:49,254 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types

2023-11-07 17:50:49,298 : INFO : PROGRESS: at sentence #580000, processed
 8337894 words, keeping 61863 word types
 2023-11-07 17:50:49,345 : INFO : PROGRESS: at sentence #590000, processed
 8467527 words, keeping 62192 word types
 2023-11-07 17:50:49,406 : INFO : PROGRESS: at sentence #600000, processed
 8601730 words, keeping 62628 word types
 2023-11-07 17:50:49,472 : INFO : PROGRESS: at sentence #610000, processed
 8757627 words, keeping 63211 word types
 2023-11-07 17:50:49,529 : INFO : PROGRESS: at sentence #620000, processed
 8899486 words, keeping 63809 word types
 2023-11-07 17:50:49,592 : INFO : PROGRESS: at sentence #630000, processed
 9081782 words, keeping 64483 word types
 2023-11-07 17:50:49,638 : INFO : PROGRESS: at sentence #640000, processed
 9203773 words, keeping 64821 word types
 2023-11-07 17:50:49,702 : INFO : PROGRESS: at sentence #650000, processed
 9389002 words, keeping 65876 word types
 2023-11-07 17:50:49,764 : INFO : PROGRESS: at sentence #660000, processed
 9554591 words, keeping 66413 word types
 2023-11-07 17:50:49,816 : INFO : PROGRESS: at sentence #670000, processed
 9702648 words, keeping 67288 word types
 2023-11-07 17:50:49,863 : INFO : PROGRESS: at sentence #680000, processed
 9827973 words, keeping 67596 word types
 2023-11-07 17:50:49,894 : INFO : PROGRESS: at sentence #690000, processed
 9953739 words, keeping 67868 word types
 2023-11-07 17:50:49,930 : INFO : PROGRESS: at sentence #700000, processed
 10083832 words, keeping 68162 word types
 2023-11-07 17:50:49,974 : INFO : PROGRESS: at sentence #710000, processed
 10223733 words, keeping 68816 word types
 2023-11-07 17:50:50,015 : INFO : PROGRESS: at sentence #720000, processed
 10360488 words, keeping 69381 word types
 2023-11-07 17:50:50,051 : INFO : PROGRESS: at sentence #730000, processed
 10479153 words, keeping 69774 word types
 2023-11-07 17:50:50,089 : INFO : PROGRESS: at sentence #740000, processed
 10597851 words, keeping 70112 word types
 2023-11-07 17:50:50,127 : INFO : PROGRESS: at sentence #750000, processed
 10734438 words, keeping 70523 word types
 2023-11-07 17:50:50,137 : INFO : collected 70583 word types from a corpus of
 10766283 raw words and 752149 sentences
 2023-11-07 17:50:50,138 : INFO : Creating a fresh vocabulary
 2023-11-07 17:50:50,460 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
 drops 0)', 'datetime': '2023-11-07T17:50:50.460999', 'gensim': '4.2.0',
 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 17:50:50,462 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original
 10766283, drops 0)', 'datetime': '2023-11-07T17:50:50.462000', 'gensim':

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'4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'prepare_vocab'}
2023-11-07 17:50:50,935 : INFO : deleting the raw counts dictionary of 70583
items
2023-11-07 17:50:50,940 : INFO : sample=0.00055 downsamples 87 most-common words
2023-11-07 17:50:50,941 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
'datetime': '2023-11-07T17:50:50.941997', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
2023-11-07 17:50:51,723 : INFO : estimated required memory for 70583 words and
10 dimensions: 40938140 bytes
2023-11-07 17:50:51,725 : INFO : resetting layer weights
2023-11-07 17:50:51,731 : INFO : Word2Vec lifecycle event {'update': False,
'trim_rule': 'None', 'datetime': '2023-11-07T17:50:51.731725', 'gensim':
'4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'build_vocab'}
2023-11-07 17:50:51,732 : INFO : Word2Vec lifecycle event {'msg': 'training
model with 3 workers on 70583 vocabulary and 10 features, using sg=1 hs=0
sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
'2023-11-07T17:50:51.732694', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:50:52,743 : INFO : EPOCH 0 - PROGRESS: at 6.88% examples, 508924
words/s, in_qsize 4, out_qsize 1
2023-11-07 17:50:53,756 : INFO : EPOCH 0 - PROGRESS: at 15.52% examples, 537169
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:50:54,759 : INFO : EPOCH 0 - PROGRESS: at 23.30% examples, 535612
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:50:55,762 : INFO : EPOCH 0 - PROGRESS: at 30.42% examples, 532278
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:50:56,772 : INFO : EPOCH 0 - PROGRESS: at 37.55% examples, 532617
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:50:57,785 : INFO : EPOCH 0 - PROGRESS: at 44.51% examples, 532070
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:50:58,786 : INFO : EPOCH 0 - PROGRESS: at 50.98% examples, 524808
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:50:59,793 : INFO : EPOCH 0 - PROGRESS: at 58.45% examples, 521917
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:00,801 : INFO : EPOCH 0 - PROGRESS: at 62.64% examples, 507143
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:01,826 : INFO : EPOCH 0 - PROGRESS: at 68.96% examples, 500581
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:02,828 : INFO : EPOCH 0 - PROGRESS: at 73.62% examples, 491342
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:03,848 : INFO : EPOCH 0 - PROGRESS: at 80.53% examples, 489939

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:04,850 : INFO : EPOCH 0 - PROGRESS: at 86.43% examples, 488713
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:05,854 : INFO : EPOCH 0 - PROGRESS: at 94.20% examples, 492958
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:06,578 : INFO : EPOCH 0: training on 10766283 raw words
(7341909 effective words) took 14.8s, 494813 effective words/s
2023-11-07 17:51:07,595 : INFO : EPOCH 1 - PROGRESS: at 7.22% examples, 535102
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:08,627 : INFO : EPOCH 1 - PROGRESS: at 14.57% examples, 505221
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:09,666 : INFO : EPOCH 1 - PROGRESS: at 21.12% examples, 476499
words/s, in_qsize 4, out_qsize 1
2023-11-07 17:51:10,696 : INFO : EPOCH 1 - PROGRESS: at 26.71% examples, 458512
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:11,700 : INFO : EPOCH 1 - PROGRESS: at 33.40% examples, 467071
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:12,710 : INFO : EPOCH 1 - PROGRESS: at 38.96% examples, 455718
words/s, in_qsize 4, out_qsize 1
2023-11-07 17:51:13,724 : INFO : EPOCH 1 - PROGRESS: at 45.72% examples, 461327
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:14,736 : INFO : EPOCH 1 - PROGRESS: at 52.28% examples, 464832
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:15,754 : INFO : EPOCH 1 - PROGRESS: at 59.28% examples, 464581
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:16,760 : INFO : EPOCH 1 - PROGRESS: at 64.16% examples, 461785
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:17,764 : INFO : EPOCH 1 - PROGRESS: at 71.06% examples, 466631
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:18,777 : INFO : EPOCH 1 - PROGRESS: at 74.78% examples, 454284
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:19,783 : INFO : EPOCH 1 - PROGRESS: at 82.51% examples, 460900
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:20,805 : INFO : EPOCH 1 - PROGRESS: at 89.05% examples, 465614
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:21,827 : INFO : EPOCH 1 - PROGRESS: at 97.50% examples, 470887
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:22,217 : INFO : EPOCH 1: training on 10766283 raw words
(7341384 effective words) took 15.6s, 469846 effective words/s
2023-11-07 17:51:23,231 : INFO : EPOCH 2 - PROGRESS: at 7.32% examples, 540651
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:24,236 : INFO : EPOCH 2 - PROGRESS: at 16.02% examples, 555140
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:25,237 : INFO : EPOCH 2 - PROGRESS: at 24.25% examples, 559317
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:26,245 : INFO : EPOCH 2 - PROGRESS: at 31.74% examples, 557835
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:27,258 : INFO : EPOCH 2 - PROGRESS: at 39.16% examples, 556729

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:28,266 : INFO : EPOCH 2 - PROGRESS: at 46.62% examples, 556055
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:29,269 : INFO : EPOCH 2 - PROGRESS: at 53.89% examples, 552006
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:30,270 : INFO : EPOCH 2 - PROGRESS: at 60.86% examples, 549751
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:31,279 : INFO : EPOCH 2 - PROGRESS: at 67.34% examples, 546402
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:32,303 : INFO : EPOCH 2 - PROGRESS: at 72.73% examples, 533827
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:33,304 : INFO : EPOCH 2 - PROGRESS: at 80.61% examples, 536031
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:34,313 : INFO : EPOCH 2 - PROGRESS: at 86.96% examples, 533978
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:35,317 : INFO : EPOCH 2 - PROGRESS: at 94.64% examples, 534020
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:36,094 : INFO : EPOCH 2: training on 10766283 raw words
(7342341 effective words) took 13.9s, 529409 effective words/s
2023-11-07 17:51:37,111 : INFO : EPOCH 3 - PROGRESS: at 7.07% examples, 520208
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:38,115 : INFO : EPOCH 3 - PROGRESS: at 15.42% examples, 534939
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:39,131 : INFO : EPOCH 3 - PROGRESS: at 23.66% examples, 542924
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:40,150 : INFO : EPOCH 3 - PROGRESS: at 30.60% examples, 532350
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:41,152 : INFO : EPOCH 3 - PROGRESS: at 37.55% examples, 530806
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:42,152 : INFO : EPOCH 3 - PROGRESS: at 44.73% examples, 533911
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:43,169 : INFO : EPOCH 3 - PROGRESS: at 52.16% examples, 534865
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:44,169 : INFO : EPOCH 3 - PROGRESS: at 59.53% examples, 530314
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:45,183 : INFO : EPOCH 3 - PROGRESS: at 64.34% examples, 518754
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:46,186 : INFO : EPOCH 3 - PROGRESS: at 71.31% examples, 519900
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:47,197 : INFO : EPOCH 3 - PROGRESS: at 78.75% examples, 523040
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:48,204 : INFO : EPOCH 3 - PROGRESS: at 85.92% examples, 525437
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:49,209 : INFO : EPOCH 3 - PROGRESS: at 93.82% examples, 528726
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:49,923 : INFO : EPOCH 3: training on 10766283 raw words
(7341730 effective words) took 13.8s, 531247 effective words/s
2023-11-07 17:51:50,968 : INFO : EPOCH 4 - PROGRESS: at 7.51% examples, 537449

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:51,981 : INFO : EPOCH 4 - PROGRESS: at 16.13% examples, 547889
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:52,987 : INFO : EPOCH 4 - PROGRESS: at 23.66% examples, 537749
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:53,993 : INFO : EPOCH 4 - PROGRESS: at 30.75% examples, 533424
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:54,996 : INFO : EPOCH 4 - PROGRESS: at 38.10% examples, 537018
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:55,997 : INFO : EPOCH 4 - PROGRESS: at 45.00% examples, 535674
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:57,013 : INFO : EPOCH 4 - PROGRESS: at 52.70% examples, 538298
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:58,019 : INFO : EPOCH 4 - PROGRESS: at 60.42% examples, 540693
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:51:59,031 : INFO : EPOCH 4 - PROGRESS: at 66.79% examples, 539843
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:00,033 : INFO : EPOCH 4 - PROGRESS: at 73.56% examples, 538596
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:01,059 : INFO : EPOCH 4 - PROGRESS: at 81.39% examples, 539074
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:02,070 : INFO : EPOCH 4 - PROGRESS: at 87.71% examples, 536795
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:03,071 : INFO : EPOCH 4 - PROGRESS: at 96.02% examples, 539255
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:03,515 : INFO : EPOCH 4: training on 10766283 raw words
(7341880 effective words) took 13.6s, 540509 effective words/s
2023-11-07 17:52:03,517 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36709244 effective words) took 71.8s, 511383 effective
words/s', 'datetime': '2023-11-07T17:52:03.517981', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:52:03,517 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=10, alpha=0.025>', 'datetime':
'2023-11-07T17:52:03.517981', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
70583
Threshold freq = 0.00055 Percentage of correct answers: 51.25%

2023-11-07 17:52:11,631 : INFO : collecting all words and their counts
2023-11-07 17:52:11,633 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 17:52:11,657 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 17:52:11,695 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 17:52:11,724 : INFO : PROGRESS: at sentence #30000, processed 367772

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words, keeping 12635 word types
2023-11-07 17:52:11,771 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 17:52:11,819 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 17:52:11,859 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 17:52:11,900 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 17:52:11,938 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 17:52:11,975 : INFO : PROGRESS: at sentence #90000, processed 1271320
words, keeping 25783 word types
2023-11-07 17:52:12,003 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 17:52:12,038 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 17:52:12,068 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 17:52:12,103 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 17:52:12,148 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 17:52:12,179 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 17:52:12,209 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 17:52:12,248 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 17:52:12,286 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
2023-11-07 17:52:12,326 : INFO : PROGRESS: at sentence #190000, processed
2585994 words, keeping 34347 word types
2023-11-07 17:52:12,367 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 17:52:12,403 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 17:52:12,437 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 17:52:12,477 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 17:52:12,516 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 17:52:12,567 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 17:52:12,597 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 17:52:12,629 : INFO : PROGRESS: at sentence #270000, processed

3709916 words, keeping 41846 word types
2023-11-07 17:52:12,673 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 17:52:12,719 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 17:52:12,757 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 17:52:12,798 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 17:52:12,855 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 17:52:12,900 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 17:52:12,933 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 17:52:12,968 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 17:52:13,013 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 17:52:13,054 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 17:52:13,090 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 17:52:13,129 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 17:52:13,162 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 17:52:13,194 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 17:52:13,229 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 17:52:13,268 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 17:52:13,300 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 17:52:13,339 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 17:52:13,402 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 17:52:13,451 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 17:52:13,486 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 17:52:13,532 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 17:52:13,576 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 17:52:13,609 : INFO : PROGRESS: at sentence #510000, processed

7293581 words, keeping 57203 word types
2023-11-07 17:52:13,646 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 17:52:13,684 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 17:52:13,738 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 17:52:13,782 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 17:52:13,831 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 17:52:13,872 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 17:52:13,905 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 17:52:13,942 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 17:52:13,982 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 17:52:14,025 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 17:52:14,065 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 17:52:14,113 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 17:52:14,147 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 17:52:14,200 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 17:52:14,246 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types
2023-11-07 17:52:14,288 : INFO : PROGRESS: at sentence #670000, processed
9702648 words, keeping 67288 word types
2023-11-07 17:52:14,327 : INFO : PROGRESS: at sentence #680000, processed
9827973 words, keeping 67596 word types
2023-11-07 17:52:14,363 : INFO : PROGRESS: at sentence #690000, processed
9953739 words, keeping 67868 word types
2023-11-07 17:52:14,402 : INFO : PROGRESS: at sentence #700000, processed
10083832 words, keeping 68162 word types
2023-11-07 17:52:14,454 : INFO : PROGRESS: at sentence #710000, processed
10223733 words, keeping 68816 word types
2023-11-07 17:52:14,504 : INFO : PROGRESS: at sentence #720000, processed
10360488 words, keeping 69381 word types
2023-11-07 17:52:14,537 : INFO : PROGRESS: at sentence #730000, processed
10479153 words, keeping 69774 word types
2023-11-07 17:52:14,570 : INFO : PROGRESS: at sentence #740000, processed
10597851 words, keeping 70112 word types
2023-11-07 17:52:14,608 : INFO : PROGRESS: at sentence #750000, processed

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10734438 words, keeping 70523 word types
2023-11-07 17:52:14,617 : INFO : collected 70583 word types from a corpus of
10766283 raw words and 752149 sentences
2023-11-07 17:52:14,618 : INFO : Creating a fresh vocabulary
2023-11-07 17:52:14,930 : INFO : Word2Vec lifecycle event {'msg':
'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
drops 0)', 'datetime': '2023-11-07T17:52:14.930894', 'gensim': '4.2.0',
'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'prepare_vocab'}
2023-11-07 17:52:14,931 : INFO : Word2Vec lifecycle event {'msg':
'effective_min_count=1 leaves 10766283 word corpus (100.00% of original
10766283, drops 0)', 'datetime': '2023-11-07T17:52:14.931892', 'gensim':
'4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'prepare_vocab'}
2023-11-07 17:52:15,409 : INFO : deleting the raw counts dictionary of 70583
items
2023-11-07 17:52:15,412 : INFO : sample=0.00055 downsamples 87 most-common words
2023-11-07 17:52:15,414 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
'datetime': '2023-11-07T17:52:15.414892', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
2023-11-07 17:52:16,180 : INFO : estimated required memory for 70583 words and
10 dimensions: 40938140 bytes
2023-11-07 17:52:16,181 : INFO : resetting layer weights
2023-11-07 17:52:16,185 : INFO : Word2Vec lifecycle event {'update': False,
'trim_rule': 'None', 'datetime': '2023-11-07T17:52:16.185085', 'gensim':
'4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'build_vocab'}
2023-11-07 17:52:16,186 : INFO : Word2Vec lifecycle event {'msg': 'training
model with 3 workers on 70583 vocabulary and 10 features, using sg=1 hs=0
sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
'2023-11-07T17:52:16.186083', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:52:17,228 : INFO : EPOCH 0 - PROGRESS: at 7.42% examples, 532910
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:18,236 : INFO : EPOCH 0 - PROGRESS: at 15.62% examples, 533790
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:19,247 : INFO : EPOCH 0 - PROGRESS: at 24.00% examples, 547459
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:20,256 : INFO : EPOCH 0 - PROGRESS: at 31.33% examples, 545185
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:52:21,265 : INFO : EPOCH 0 - PROGRESS: at 38.63% examples, 544461
words/s, in_qsize 5, out_qsize 0

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2023-11-07 17:52:22,274 : INFO : EPOCH 0 - PROGRESS: at 46.22% examples, 546919 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:23,297 : INFO : EPOCH 0 - PROGRESS: at 53.89% examples, 547429 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:24,316 : INFO : EPOCH 0 - PROGRESS: at 61.11% examples, 547905 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:25,342 : INFO : EPOCH 0 - PROGRESS: at 68.37% examples, 547550 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:26,342 : INFO : EPOCH 0 - PROGRESS: at 75.14% examples, 548308 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:27,346 : INFO : EPOCH 0 - PROGRESS: at 83.02% examples, 550232 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:28,354 : INFO : EPOCH 0 - PROGRESS: at 89.77% examples, 547762 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:29,360 : INFO : EPOCH 0 - PROGRESS: at 98.52% examples, 549674 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:29,543 : INFO : EPOCH 0: training on 10766283 raw words (7343127 effective words) took 13.3s, 550109 effective words/s
 2023-11-07 17:52:30,553 : INFO : EPOCH 1 - PROGRESS: at 7.32% examples, 543139 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:31,560 : INFO : EPOCH 1 - PROGRESS: at 15.92% examples, 552520 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:32,562 : INFO : EPOCH 1 - PROGRESS: at 23.75% examples, 548294 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:33,568 : INFO : EPOCH 1 - PROGRESS: at 30.75% examples, 539645 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:34,570 : INFO : EPOCH 1 - PROGRESS: at 37.91% examples, 539391 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:35,583 : INFO : EPOCH 1 - PROGRESS: at 44.61% examples, 534316 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:36,590 : INFO : EPOCH 1 - PROGRESS: at 52.02% examples, 536014 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:37,595 : INFO : EPOCH 1 - PROGRESS: at 59.92% examples, 536867 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:38,601 : INFO : EPOCH 1 - PROGRESS: at 65.30% examples, 530221 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:52:39,609 : INFO : EPOCH 1 - PROGRESS: at 72.20% examples, 530789 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:40,622 : INFO : EPOCH 1 - PROGRESS: at 80.18% examples, 533313 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:41,623 : INFO : EPOCH 1 - PROGRESS: at 86.80% examples, 533621 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:42,635 : INFO : EPOCH 1 - PROGRESS: at 94.64% examples, 534427 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:43,228 : INFO : EPOCH 1: training on 10766283 raw words (7342817 effective words) took 13.7s, 536870 effective words/s
 2023-11-07 17:52:44,248 : INFO : EPOCH 2 - PROGRESS: at 7.32% examples, 540721 words/s, in_qsize 5, out_qsize 0

2023-11-07 17:52:45,252 : INFO : EPOCH 2 - PROGRESS: at 16.14% examples, 559004 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:46,279 : INFO : EPOCH 2 - PROGRESS: at 24.35% examples, 557021 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:47,288 : INFO : EPOCH 2 - PROGRESS: at 31.94% examples, 555841 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:48,290 : INFO : EPOCH 2 - PROGRESS: at 39.24% examples, 556452 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:49,295 : INFO : EPOCH 2 - PROGRESS: at 46.40% examples, 551531 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:50,302 : INFO : EPOCH 2 - PROGRESS: at 54.10% examples, 552592 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:51,303 : INFO : EPOCH 2 - PROGRESS: at 61.11% examples, 552073 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:52,310 : INFO : EPOCH 2 - PROGRESS: at 68.65% examples, 554546 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:53,322 : INFO : EPOCH 2 - PROGRESS: at 75.22% examples, 552659 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:54,338 : INFO : EPOCH 2 - PROGRESS: at 82.95% examples, 552284 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:55,375 : INFO : EPOCH 2 - PROGRESS: at 90.08% examples, 550552 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:56,388 : INFO : EPOCH 2 - PROGRESS: at 98.61% examples, 550928 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:56,579 : INFO : EPOCH 2: training on 10766283 raw words (7341252 effective words) took 13.3s, 550471 effective words/s
 2023-11-07 17:52:57,589 : INFO : EPOCH 3 - PROGRESS: at 7.32% examples, 543376 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:58,608 : INFO : EPOCH 3 - PROGRESS: at 16.24% examples, 559513 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:52:59,620 : INFO : EPOCH 3 - PROGRESS: at 24.35% examples, 557770 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:00,652 : INFO : EPOCH 3 - PROGRESS: at 32.08% examples, 554934 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:01,672 : INFO : EPOCH 3 - PROGRESS: at 39.40% examples, 555092 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:02,673 : INFO : EPOCH 3 - PROGRESS: at 46.62% examples, 551902 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:03,690 : INFO : EPOCH 3 - PROGRESS: at 54.79% examples, 554998 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:04,697 : INFO : EPOCH 3 - PROGRESS: at 61.47% examples, 553769 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:05,707 : INFO : EPOCH 3 - PROGRESS: at 68.96% examples, 553671 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:06,713 : INFO : EPOCH 3 - PROGRESS: at 75.49% examples, 552220 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:07,717 : INFO : EPOCH 3 - PROGRESS: at 83.13% examples, 551917 words/s, in_qsize 5, out_qsize 0


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2023-11-07 17:53:08,743 : INFO : EPOCH 3 - PROGRESS: at 90.33% examples, 551272
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:09,755 : INFO : EPOCH 3 - PROGRESS: at 99.47% examples, 554807
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:09,826 : INFO : EPOCH 3: training on 10766283 raw words
(7342824 effective words) took 13.2s, 554735 effective words/s
2023-11-07 17:53:10,845 : INFO : EPOCH 4 - PROGRESS: at 7.15% examples, 527118
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:11,849 : INFO : EPOCH 4 - PROGRESS: at 15.72% examples, 545272
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:12,850 : INFO : EPOCH 4 - PROGRESS: at 23.75% examples, 548114
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:13,862 : INFO : EPOCH 4 - PROGRESS: at 31.13% examples, 547012
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:14,865 : INFO : EPOCH 4 - PROGRESS: at 38.10% examples, 541152
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:15,868 : INFO : EPOCH 4 - PROGRESS: at 45.59% examples, 544587
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:16,870 : INFO : EPOCH 4 - PROGRESS: at 52.51% examples, 540337
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:17,875 : INFO : EPOCH 4 - PROGRESS: at 60.23% examples, 541647
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:18,889 : INFO : EPOCH 4 - PROGRESS: at 66.54% examples, 540565
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:19,899 : INFO : EPOCH 4 - PROGRESS: at 73.63% examples, 541537
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:20,905 : INFO : EPOCH 4 - PROGRESS: at 81.57% examples, 543299
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:21,914 : INFO : EPOCH 4 - PROGRESS: at 88.24% examples, 542422
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:22,936 : INFO : EPOCH 4 - PROGRESS: at 96.12% examples, 541502
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:23,416 : INFO : EPOCH 4: training on 10766283 raw words
(7342223 effective words) took 13.6s, 540725 effective words/s
2023-11-07 17:53:23,417 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36712243 effective words) took 67.2s, 546067 effective
words/s', 'datetime': '2023-11-07T17:53:23.417233', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:53:23,418 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=10, alpha=0.025>', 'datetime':
'2023-11-07T17:53:23.418233', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
70583
Threshold freq = 0.00055 Percentage of correct answers: 53.75%
2023-11-07 17:53:29,044 : INFO : collecting all words and their counts

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2023-11-07 17:53:29,045 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 17:53:29,068 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 17:53:29,103 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 17:53:29,135 : INFO : PROGRESS: at sentence #30000, processed 367772
words, keeping 12635 word types
2023-11-07 17:53:29,181 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 17:53:29,220 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 17:53:29,254 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 17:53:29,289 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 17:53:29,325 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 17:53:29,360 : INFO : PROGRESS: at sentence #90000, processed 1271320
words, keeping 25783 word types
2023-11-07 17:53:29,389 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 17:53:29,422 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 17:53:29,459 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 17:53:29,493 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 17:53:29,538 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 17:53:29,570 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 17:53:29,605 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 17:53:29,644 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 17:53:29,684 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
2023-11-07 17:53:29,722 : INFO : PROGRESS: at sentence #190000, processed
2585994 words, keeping 34347 word types
2023-11-07 17:53:29,764 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 17:53:29,812 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 17:53:29,851 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 17:53:29,889 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types

2023-11-07 17:53:29,933 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 17:53:29,981 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 17:53:30,012 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 17:53:30,047 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 17:53:30,091 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 17:53:30,142 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 17:53:30,183 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 17:53:30,218 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 17:53:30,275 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 17:53:30,320 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 17:53:30,354 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 17:53:30,393 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 17:53:30,444 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 17:53:30,486 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 17:53:30,527 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 17:53:30,566 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 17:53:30,599 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 17:53:30,633 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 17:53:30,673 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 17:53:30,717 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 17:53:30,754 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 17:53:30,799 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 17:53:30,864 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 17:53:30,915 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types

2023-11-07 17:53:30,950 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 17:53:31,007 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 17:53:31,049 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 17:53:31,081 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 17:53:31,120 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 17:53:31,158 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 17:53:31,214 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 17:53:31,258 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 17:53:31,302 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 17:53:31,342 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 17:53:31,374 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 17:53:31,413 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 17:53:31,452 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 17:53:31,493 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 17:53:31,535 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 17:53:31,586 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 17:53:31,618 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 17:53:31,670 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 17:53:31,717 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types
2023-11-07 17:53:31,758 : INFO : PROGRESS: at sentence #670000, processed
9702648 words, keeping 67288 word types
2023-11-07 17:53:31,802 : INFO : PROGRESS: at sentence #680000, processed
9827973 words, keeping 67596 word types
2023-11-07 17:53:31,856 : INFO : PROGRESS: at sentence #690000, processed
9953739 words, keeping 67868 word types
2023-11-07 17:53:31,902 : INFO : PROGRESS: at sentence #700000, processed
10083832 words, keeping 68162 word types
2023-11-07 17:53:31,953 : INFO : PROGRESS: at sentence #710000, processed
10223733 words, keeping 68816 word types

2023-11-07 17:53:32,003 : INFO : PROGRESS: at sentence #720000, processed
 10360488 words, keeping 69381 word types
 2023-11-07 17:53:32,037 : INFO : PROGRESS: at sentence #730000, processed
 10479153 words, keeping 69774 word types
 2023-11-07 17:53:32,072 : INFO : PROGRESS: at sentence #740000, processed
 10597851 words, keeping 70112 word types
 2023-11-07 17:53:32,113 : INFO : PROGRESS: at sentence #750000, processed
 10734438 words, keeping 70523 word types
 2023-11-07 17:53:32,122 : INFO : collected 70583 word types from a corpus of
 10766283 raw words and 752149 sentences
 2023-11-07 17:53:32,124 : INFO : Creating a fresh vocabulary
 2023-11-07 17:53:32,440 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
 drops 0)', 'datetime': '2023-11-07T17:53:32.440669', 'gensim': '4.2.0',
 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 17:53:32,442 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original
 10766283, drops 0)', 'datetime': '2023-11-07T17:53:32.442667', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 17:53:32,939 : INFO : deleting the raw counts dictionary of 70583
 items
 2023-11-07 17:53:32,943 : INFO : sample=0.00055 downsamples 87 most-common words
 2023-11-07 17:53:32,944 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
 leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
 'datetime': '2023-11-07T17:53:32.944668', 'gensim': '4.2.0', 'python': '3.10.2
 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 17:53:33,685 : INFO : estimated required memory for 70583 words and
 10 dimensions: 40938140 bytes
 2023-11-07 17:53:33,687 : INFO : resetting layer weights
 2023-11-07 17:53:33,692 : INFO : Word2Vec lifecycle event {'update': False,
 'trim_rule': 'None', 'datetime': '2023-11-07T17:53:33.692669', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'build_vocab'}
 2023-11-07 17:53:33,694 : INFO : Word2Vec lifecycle event {'msg': 'training
 model with 3 workers on 70583 vocabulary and 10 features, using sg=1 hs=0
 sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
 '2023-11-07T17:53:33.694671', 'gensim': '4.2.0', 'python': '3.10.2
 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
 2023-11-07 17:53:34,714 : INFO : EPOCH 0 - PROGRESS: at 7.22% examples, 531435
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:53:35,715 : INFO : EPOCH 0 - PROGRESS: at 15.72% examples, 545046

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:36,716 : INFO : EPOCH 0 - PROGRESS: at 22.71% examples, 522813
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:37,736 : INFO : EPOCH 0 - PROGRESS: at 29.68% examples, 515694
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:38,756 : INFO : EPOCH 0 - PROGRESS: at 36.86% examples, 516794
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:39,762 : INFO : EPOCH 0 - PROGRESS: at 42.61% examples, 508389
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:40,781 : INFO : EPOCH 0 - PROGRESS: at 49.59% examples, 509073
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:53:41,787 : INFO : EPOCH 0 - PROGRESS: at 55.86% examples, 497922
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:42,809 : INFO : EPOCH 0 - PROGRESS: at 61.53% examples, 493989
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:43,814 : INFO : EPOCH 0 - PROGRESS: at 68.27% examples, 494646
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:44,825 : INFO : EPOCH 0 - PROGRESS: at 73.24% examples, 486833
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:45,844 : INFO : EPOCH 0 - PROGRESS: at 80.89% examples, 490804
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:46,851 : INFO : EPOCH 0 - PROGRESS: at 87.40% examples, 494073
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:47,851 : INFO : EPOCH 0 - PROGRESS: at 95.32% examples, 497083
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:48,360 : INFO : EPOCH 0: training on 10766283 raw words
(7342213 effective words) took 14.7s, 500976 effective words/s
2023-11-07 17:53:49,379 : INFO : EPOCH 1 - PROGRESS: at 7.42% examples, 545514
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:50,386 : INFO : EPOCH 1 - PROGRESS: at 16.02% examples, 553544
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:51,407 : INFO : EPOCH 1 - PROGRESS: at 24.25% examples, 554379
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:52,407 : INFO : EPOCH 1 - PROGRESS: at 31.54% examples, 551772
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:53,410 : INFO : EPOCH 1 - PROGRESS: at 38.52% examples, 546453
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:54,416 : INFO : EPOCH 1 - PROGRESS: at 45.00% examples, 537494
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:55,418 : INFO : EPOCH 1 - PROGRESS: at 52.51% examples, 539054
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:56,431 : INFO : EPOCH 1 - PROGRESS: at 60.23% examples, 539980
words/s, in_qsize 4, out_qsize 2
2023-11-07 17:53:57,451 : INFO : EPOCH 1 - PROGRESS: at 66.87% examples, 541752
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:58,452 : INFO : EPOCH 1 - PROGRESS: at 73.74% examples, 541741
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:53:59,478 : INFO : EPOCH 1 - PROGRESS: at 81.74% examples, 542589

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:00,481 : INFO : EPOCH 1 - PROGRESS: at 88.24% examples, 540941
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:01,486 : INFO : EPOCH 1 - PROGRESS: at 96.59% examples, 542923
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:01,879 : INFO : EPOCH 1: training on 10766283 raw words
(7343968 effective words) took 13.5s, 543591 effective words/s
2023-11-07 17:54:02,902 : INFO : EPOCH 2 - PROGRESS: at 7.49% examples, 549289
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:03,905 : INFO : EPOCH 2 - PROGRESS: at 15.92% examples, 550038
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:04,909 : INFO : EPOCH 2 - PROGRESS: at 24.11% examples, 555193
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:05,932 : INFO : EPOCH 2 - PROGRESS: at 31.54% examples, 550746
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:06,937 : INFO : EPOCH 2 - PROGRESS: at 38.78% examples, 549388
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:54:07,940 : INFO : EPOCH 2 - PROGRESS: at 46.30% examples, 550357
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:08,943 : INFO : EPOCH 2 - PROGRESS: at 53.67% examples, 549040
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:09,946 : INFO : EPOCH 2 - PROGRESS: at 60.99% examples, 550418
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:10,949 : INFO : EPOCH 2 - PROGRESS: at 68.03% examples, 550365
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:11,967 : INFO : EPOCH 2 - PROGRESS: at 74.07% examples, 544405
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:54:12,974 : INFO : EPOCH 2 - PROGRESS: at 82.17% examples, 545952
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:13,980 : INFO : EPOCH 2 - PROGRESS: at 88.65% examples, 544958
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:14,980 : INFO : EPOCH 2 - PROGRESS: at 97.39% examples, 547374
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:15,311 : INFO : EPOCH 2: training on 10766283 raw words
(7340834 effective words) took 13.4s, 546862 effective words/s
2023-11-07 17:54:16,345 : INFO : EPOCH 3 - PROGRESS: at 7.49% examples, 545885
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:17,353 : INFO : EPOCH 3 - PROGRESS: at 16.24% examples, 557020
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:18,354 : INFO : EPOCH 3 - PROGRESS: at 24.53% examples, 562537
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:54:19,369 : INFO : EPOCH 3 - PROGRESS: at 30.67% examples, 534007
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:20,377 : INFO : EPOCH 3 - PROGRESS: at 38.00% examples, 536893
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:21,388 : INFO : EPOCH 3 - PROGRESS: at 45.00% examples, 535865
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:22,388 : INFO : EPOCH 3 - PROGRESS: at 52.40% examples, 536848

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:23,412 : INFO : EPOCH 3 - PROGRESS: at 60.29% examples, 538976
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:24,413 : INFO : EPOCH 3 - PROGRESS: at 66.54% examples, 538270
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:25,416 : INFO : EPOCH 3 - PROGRESS: at 73.56% examples, 539132
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:26,425 : INFO : EPOCH 3 - PROGRESS: at 81.29% examples, 539785
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:27,427 : INFO : EPOCH 3 - PROGRESS: at 88.24% examples, 541193
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:28,433 : INFO : EPOCH 3 - PROGRESS: at 96.59% examples, 543094
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:28,810 : INFO : EPOCH 3: training on 10766283 raw words
(7342227 effective words) took 13.5s, 544404 effective words/s
2023-11-07 17:54:29,819 : INFO : EPOCH 4 - PROGRESS: at 7.22% examples, 536803
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:30,831 : INFO : EPOCH 4 - PROGRESS: at 16.13% examples, 558199
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:31,852 : INFO : EPOCH 4 - PROGRESS: at 24.25% examples, 555157
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:32,865 : INFO : EPOCH 4 - PROGRESS: at 32.31% examples, 560689
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:33,870 : INFO : EPOCH 4 - PROGRESS: at 39.45% examples, 560025
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:34,878 : INFO : EPOCH 4 - PROGRESS: at 46.92% examples, 558631
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:35,895 : INFO : EPOCH 4 - PROGRESS: at 54.99% examples, 558928
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:36,905 : INFO : EPOCH 4 - PROGRESS: at 61.41% examples, 554430
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:37,917 : INFO : EPOCH 4 - PROGRESS: at 68.96% examples, 554874
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:54:38,923 : INFO : EPOCH 4 - PROGRESS: at 75.58% examples, 553924
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:39,929 : INFO : EPOCH 4 - PROGRESS: at 83.24% examples, 553341
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:40,938 : INFO : EPOCH 4 - PROGRESS: at 90.25% examples, 552203
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:41,942 : INFO : EPOCH 4 - PROGRESS: at 98.79% examples, 552852
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:54:42,087 : INFO : EPOCH 4: training on 10766283 raw words
(7341132 effective words) took 13.3s, 553302 effective words/s
2023-11-07 17:54:42,088 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36710374 effective words) took 68.4s, 536759 effective
words/s', 'datetime': '2023-11-07T17:54:42.088186', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}

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2023-11-07 17:54:42,089 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=10, alpha=0.025>', 'datetime':
'2023-11-07T17:54:42.089186', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}

70583

Threshold freq = 0.00055 Percentage of correct answers: 50.0%

2023-11-07 17:54:45,876 : INFO : collecting all words and their counts
2023-11-07 17:54:45,878 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 17:54:45,903 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 17:54:45,936 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 17:54:45,967 : INFO : PROGRESS: at sentence #30000, processed 367772
words, keeping 12635 word types
2023-11-07 17:54:46,013 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 17:54:46,053 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 17:54:46,088 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 17:54:46,121 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 17:54:46,158 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 17:54:46,193 : INFO : PROGRESS: at sentence #90000, processed 1271320
words, keeping 25783 word types
2023-11-07 17:54:46,224 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 17:54:46,255 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 17:54:46,287 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 17:54:46,322 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 17:54:46,376 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 17:54:46,408 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 17:54:46,439 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 17:54:46,479 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 17:54:46,523 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
2023-11-07 17:54:46,562 : INFO : PROGRESS: at sentence #190000, processed

2585994 words, keeping 34347 word types
2023-11-07 17:54:46,601 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 17:54:46,643 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 17:54:46,679 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 17:54:46,718 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 17:54:46,789 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 17:54:46,869 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 17:54:46,902 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 17:54:46,933 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 17:54:46,987 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 17:54:47,030 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 17:54:47,070 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 17:54:47,107 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 17:54:47,160 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 17:54:47,201 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 17:54:47,231 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 17:54:47,268 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 17:54:47,317 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 17:54:47,361 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 17:54:47,402 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 17:54:47,450 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 17:54:47,488 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 17:54:47,520 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 17:54:47,562 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 17:54:47,599 : INFO : PROGRESS: at sentence #430000, processed

6047861 words, keeping 51762 word types
2023-11-07 17:54:47,630 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 17:54:47,674 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 17:54:47,735 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 17:54:47,785 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 17:54:47,831 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 17:54:47,878 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 17:54:47,924 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 17:54:47,960 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 17:54:47,996 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 17:54:48,035 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 17:54:48,089 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 17:54:48,131 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 17:54:48,178 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 17:54:48,217 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 17:54:48,248 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 17:54:48,285 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 17:54:48,326 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 17:54:48,379 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 17:54:48,417 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 17:54:48,465 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 17:54:48,503 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 17:54:48,556 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 17:54:48,601 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types
2023-11-07 17:54:48,642 : INFO : PROGRESS: at sentence #670000, processed

9702648 words, keeping 67288 word types
 2023-11-07 17:54:48,677 : INFO : PROGRESS: at sentence #680000, processed
 9827973 words, keeping 67596 word types
 2023-11-07 17:54:48,718 : INFO : PROGRESS: at sentence #690000, processed
 9953739 words, keeping 67868 word types
 2023-11-07 17:54:48,755 : INFO : PROGRESS: at sentence #700000, processed
 10083832 words, keeping 68162 word types
 2023-11-07 17:54:48,790 : INFO : PROGRESS: at sentence #710000, processed
 10223733 words, keeping 68816 word types
 2023-11-07 17:54:48,838 : INFO : PROGRESS: at sentence #720000, processed
 10360488 words, keeping 69381 word types
 2023-11-07 17:54:48,870 : INFO : PROGRESS: at sentence #730000, processed
 10479153 words, keeping 69774 word types
 2023-11-07 17:54:48,903 : INFO : PROGRESS: at sentence #740000, processed
 10597851 words, keeping 70112 word types
 2023-11-07 17:54:48,947 : INFO : PROGRESS: at sentence #750000, processed
 10734438 words, keeping 70523 word types
 2023-11-07 17:54:48,960 : INFO : collected 70583 word types from a corpus of
 10766283 raw words and 752149 sentences
 2023-11-07 17:54:48,961 : INFO : Creating a fresh vocabulary
 2023-11-07 17:54:49,271 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
 drops 0)', 'datetime': '2023-11-07T17:54:49.271714', 'gensim': '4.2.0',
 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 17:54:49,273 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original
 10766283, drops 0)', 'datetime': '2023-11-07T17:54:49.273703', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 17:54:49,762 : INFO : deleting the raw counts dictionary of 70583
 items
 2023-11-07 17:54:49,765 : INFO : sample=0.00055 downsamples 87 most-common words
 2023-11-07 17:54:49,766 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
 leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
 'datetime': '2023-11-07T17:54:49.766701', 'gensim': '4.2.0', 'python': '3.10.2
 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 17:54:50,521 : INFO : estimated required memory for 70583 words and
 100 dimensions: 91757900 bytes
 2023-11-07 17:54:50,523 : INFO : resetting layer weights
 2023-11-07 17:54:50,575 : INFO : Word2Vec lifecycle event {'update': False,
 'trim_rule': 'None', 'datetime': '2023-11-07T17:54:50.575258', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'build_vocab'}

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2023-11-07 17:54:50,579 : INFO : Word2Vec lifecycle event {'msg': 'training
model with 3 workers on 70583 vocabulary and 100 features, using sg=1 hs=0
sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
'2023-11-07T17:54:50.579265', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:54:51,613 : INFO : EPOCH 0 - PROGRESS: at 4.60% examples, 304950
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:52,656 : INFO : EPOCH 0 - PROGRESS: at 8.41% examples, 298940
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:53,660 : INFO : EPOCH 0 - PROGRESS: at 12.98% examples, 301407
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:54,679 : INFO : EPOCH 0 - PROGRESS: at 17.99% examples, 307818
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:55,687 : INFO : EPOCH 0 - PROGRESS: at 22.48% examples, 304808
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:56,694 : INFO : EPOCH 0 - PROGRESS: at 26.27% examples, 300325
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:57,720 : INFO : EPOCH 0 - PROGRESS: at 30.53% examples, 300892
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:58,736 : INFO : EPOCH 0 - PROGRESS: at 34.34% examples, 299407
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:54:59,764 : INFO : EPOCH 0 - PROGRESS: at 37.79% examples, 294100
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:00,770 : INFO : EPOCH 0 - PROGRESS: at 41.58% examples, 292455
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:01,777 : INFO : EPOCH 0 - PROGRESS: at 45.72% examples, 293969
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:02,807 : INFO : EPOCH 0 - PROGRESS: at 49.59% examples, 294690
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:03,820 : INFO : EPOCH 0 - PROGRESS: at 54.21% examples, 295265
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:04,855 : INFO : EPOCH 0 - PROGRESS: at 58.89% examples, 296428
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:05,877 : INFO : EPOCH 0 - PROGRESS: at 61.28% examples, 292298
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:06,927 : INFO : EPOCH 0 - PROGRESS: at 64.34% examples, 288203
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:07,946 : INFO : EPOCH 0 - PROGRESS: at 68.15% examples, 287668
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:08,980 : INFO : EPOCH 0 - PROGRESS: at 71.56% examples, 286455
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:09,993 : INFO : EPOCH 0 - PROGRESS: at 75.22% examples, 287024
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:11,035 : INFO : EPOCH 0 - PROGRESS: at 79.93% examples, 287699
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:55:12,075 : INFO : EPOCH 0 - PROGRESS: at 82.26% examples, 282015
words/s, in_qsize 5, out_qsize 0

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2023-11-07 17:55:13,076 : INFO : EPOCH 0 - PROGRESS: at 85.45% examples, 280583 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:14,126 : INFO : EPOCH 0 - PROGRESS: at 88.94% examples, 280866 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:15,131 : INFO : EPOCH 0 - PROGRESS: at 94.01% examples, 282897 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:16,143 : INFO : EPOCH 0 - PROGRESS: at 99.01% examples, 284713 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:16,328 : INFO : EPOCH 0: training on 10766283 raw words (7341565 effective words) took 25.7s, 285216 effective words/s
 2023-11-07 17:55:17,341 : INFO : EPOCH 1 - PROGRESS: at 4.49% examples, 298047 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:18,361 : INFO : EPOCH 1 - PROGRESS: at 7.79% examples, 285605 words/s, in_qsize 4, out_qsize 1
 2023-11-07 17:55:19,382 : INFO : EPOCH 1 - PROGRESS: at 12.26% examples, 290687 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:20,389 : INFO : EPOCH 1 - PROGRESS: at 16.61% examples, 285592 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:21,399 : INFO : EPOCH 1 - PROGRESS: at 20.25% examples, 278538 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:55:22,419 : INFO : EPOCH 1 - PROGRESS: at 24.71% examples, 282475 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:23,441 : INFO : EPOCH 1 - PROGRESS: at 28.44% examples, 281112 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:24,483 : INFO : EPOCH 1 - PROGRESS: at 32.19% examples, 277680 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:25,504 : INFO : EPOCH 1 - PROGRESS: at 35.87% examples, 275876 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:26,505 : INFO : EPOCH 1 - PROGRESS: at 39.70% examples, 280256 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:27,508 : INFO : EPOCH 1 - PROGRESS: at 43.43% examples, 281727 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:28,517 : INFO : EPOCH 1 - PROGRESS: at 47.21% examples, 280171 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:29,527 : INFO : EPOCH 1 - PROGRESS: at 50.08% examples, 275614 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:30,532 : INFO : EPOCH 1 - PROGRESS: at 54.79% examples, 277694 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:31,537 : INFO : EPOCH 1 - PROGRESS: at 59.44% examples, 280980 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:32,589 : INFO : EPOCH 1 - PROGRESS: at 61.83% examples, 278880 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:33,600 : INFO : EPOCH 1 - PROGRESS: at 65.55% examples, 279154 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:34,627 : INFO : EPOCH 1 - PROGRESS: at 69.51% examples, 278305 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:35,651 : INFO : EPOCH 1 - PROGRESS: at 72.60% examples, 278208 words/s, in_qsize 5, out_qsize 0

2023-11-07 17:55:36,701 : INFO : EPOCH 1 - PROGRESS: at 76.97% examples, 278933 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:37,705 : INFO : EPOCH 1 - PROGRESS: at 81.57% examples, 281397 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:38,715 : INFO : EPOCH 1 - PROGRESS: at 85.45% examples, 282014 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:39,721 : INFO : EPOCH 1 - PROGRESS: at 89.67% examples, 284513 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:40,729 : INFO : EPOCH 1 - PROGRESS: at 94.73% examples, 286932 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:41,747 : INFO : EPOCH 1 - PROGRESS: at 99.78% examples, 288248 words/s, in_qsize 3, out_qsize 0
 2023-11-07 17:55:41,791 : INFO : EPOCH 1: training on 10766283 raw words (7342194 effective words) took 25.5s, 288454 effective words/s
 2023-11-07 17:55:42,866 : INFO : EPOCH 2 - PROGRESS: at 4.78% examples, 314051 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:43,888 : INFO : EPOCH 2 - PROGRESS: at 8.71% examples, 306407 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:44,916 : INFO : EPOCH 2 - PROGRESS: at 13.95% examples, 317333 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:45,940 : INFO : EPOCH 2 - PROGRESS: at 18.98% examples, 322735 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:46,944 : INFO : EPOCH 2 - PROGRESS: at 24.11% examples, 326326 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:47,952 : INFO : EPOCH 2 - PROGRESS: at 28.79% examples, 328232 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:48,989 : INFO : EPOCH 2 - PROGRESS: at 32.19% examples, 314927 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:50,015 : INFO : EPOCH 2 - PROGRESS: at 36.45% examples, 313152 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:51,055 : INFO : EPOCH 2 - PROGRESS: at 39.45% examples, 305910 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:52,055 : INFO : EPOCH 2 - PROGRESS: at 42.81% examples, 302537 words/s, in_qsize 5, out_qsize 1
 2023-11-07 17:55:53,056 : INFO : EPOCH 2 - PROGRESS: at 47.52% examples, 305803 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:54,057 : INFO : EPOCH 2 - PROGRESS: at 52.28% examples, 309080 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:55,059 : INFO : EPOCH 2 - PROGRESS: at 57.40% examples, 311982 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:56,060 : INFO : EPOCH 2 - PROGRESS: at 60.80% examples, 309785 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:57,095 : INFO : EPOCH 2 - PROGRESS: at 64.53% examples, 309434 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:58,106 : INFO : EPOCH 2 - PROGRESS: at 68.57% examples, 308097 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:55:59,138 : INFO : EPOCH 2 - PROGRESS: at 72.08% examples, 307255 words/s, in_qsize 5, out_qsize 0

2023-11-07 17:56:00,163 : INFO : EPOCH 2 - PROGRESS: at 76.24% examples, 307202 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:01,184 : INFO : EPOCH 2 - PROGRESS: at 80.90% examples, 307555 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:02,190 : INFO : EPOCH 2 - PROGRESS: at 84.57% examples, 306635 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:03,242 : INFO : EPOCH 2 - PROGRESS: at 87.63% examples, 303712 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:04,249 : INFO : EPOCH 2 - PROGRESS: at 89.99% examples, 297378 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:05,308 : INFO : EPOCH 2 - PROGRESS: at 92.16% examples, 290018 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:06,329 : INFO : EPOCH 2 - PROGRESS: at 94.73% examples, 285431 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:07,349 : INFO : EPOCH 2 - PROGRESS: at 98.92% examples, 284658 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:07,668 : INFO : EPOCH 2: training on 10766283 raw words (7344026 effective words) took 25.9s, 283938 effective words/s
2023-11-07 17:56:08,698 : INFO : EPOCH 3 - PROGRESS: at 3.76% examples, 233651 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:09,698 : INFO : EPOCH 3 - PROGRESS: at 6.78% examples, 249238 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:10,699 : INFO : EPOCH 3 - PROGRESS: at 10.64% examples, 256726 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:11,705 : INFO : EPOCH 3 - PROGRESS: at 15.62% examples, 270697 words/s, in_qsize 4, out_qsize 1
2023-11-07 17:56:12,715 : INFO : EPOCH 3 - PROGRESS: at 19.99% examples, 277290 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:13,733 : INFO : EPOCH 3 - PROGRESS: at 24.25% examples, 278144 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:14,737 : INFO : EPOCH 3 - PROGRESS: at 27.09% examples, 270396 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:15,750 : INFO : EPOCH 3 - PROGRESS: at 31.13% examples, 272670 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:16,773 : INFO : EPOCH 3 - PROGRESS: at 35.46% examples, 275180 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:17,786 : INFO : EPOCH 3 - PROGRESS: at 38.88% examples, 275280 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:18,821 : INFO : EPOCH 3 - PROGRESS: at 42.75% examples, 277685 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:19,844 : INFO : EPOCH 3 - PROGRESS: at 47.21% examples, 280621 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:20,856 : INFO : EPOCH 3 - PROGRESS: at 50.67% examples, 279106 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:21,886 : INFO : EPOCH 3 - PROGRESS: at 55.36% examples, 280445 words/s, in_qsize 5, out_qsize 0
2023-11-07 17:56:22,917 : INFO : EPOCH 3 - PROGRESS: at 59.20% examples, 279013 words/s, in_qsize 5, out_qsize 0

2023-11-07 17:56:23,954 : INFO : EPOCH 3 - PROGRESS: at 61.72% examples, 277669 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:24,965 : INFO : EPOCH 3 - PROGRESS: at 65.44% examples, 278402 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:25,995 : INFO : EPOCH 3 - PROGRESS: at 69.79% examples, 279049 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:26,998 : INFO : EPOCH 3 - PROGRESS: at 72.20% examples, 276360 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:28,019 : INFO : EPOCH 3 - PROGRESS: at 75.22% examples, 273907 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:29,033 : INFO : EPOCH 3 - PROGRESS: at 78.75% examples, 271773 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:30,034 : INFO : EPOCH 3 - PROGRESS: at 82.45% examples, 271745 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:31,041 : INFO : EPOCH 3 - PROGRESS: at 85.45% examples, 270132 words/s, in_qsize 4, out_qsize 1
 2023-11-07 17:56:32,059 : INFO : EPOCH 3 - PROGRESS: at 88.56% examples, 269821 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:33,080 : INFO : EPOCH 3 - PROGRESS: at 93.13% examples, 270962 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:34,116 : INFO : EPOCH 3 - PROGRESS: at 97.50% examples, 271408 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:34,754 : INFO : EPOCH 3: training on 10766283 raw words (7343089 effective words) took 27.1s, 271217 effective words/s
 2023-11-07 17:56:35,771 : INFO : EPOCH 4 - PROGRESS: at 4.00% examples, 250646 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:36,773 : INFO : EPOCH 4 - PROGRESS: at 7.32% examples, 271302 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:37,778 : INFO : EPOCH 4 - PROGRESS: at 11.81% examples, 284868 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:38,804 : INFO : EPOCH 4 - PROGRESS: at 16.82% examples, 290008 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:39,814 : INFO : EPOCH 4 - PROGRESS: at 21.24% examples, 291682 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:40,845 : INFO : EPOCH 4 - PROGRESS: at 24.53% examples, 280469 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:41,850 : INFO : EPOCH 4 - PROGRESS: at 27.70% examples, 275234 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:56:43,008 : INFO : EPOCH 4 - PROGRESS: at 31.15% examples, 267087 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:44,019 : INFO : EPOCH 4 - PROGRESS: at 32.63% examples, 249033 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:56:45,029 : INFO : EPOCH 4 - PROGRESS: at 35.13% examples, 241889 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:46,038 : INFO : EPOCH 4 - PROGRESS: at 37.46% examples, 237151 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:56:47,054 : INFO : EPOCH 4 - PROGRESS: at 39.70% examples, 231975 words/s, in_qsize 5, out_qsize 0

2023-11-07 17:56:48,064 : INFO : EPOCH 4 - PROGRESS: at 43.43% examples, 236757 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:49,088 : INFO : EPOCH 4 - PROGRESS: at 47.92% examples, 242584 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:50,095 : INFO : EPOCH 4 - PROGRESS: at 52.28% examples, 246979 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:51,116 : INFO : EPOCH 4 - PROGRESS: at 56.17% examples, 247827 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:52,162 : INFO : EPOCH 4 - PROGRESS: at 57.81% examples, 239246 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:53,229 : INFO : EPOCH 4 - PROGRESS: at 59.80% examples, 233157 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:54,332 : INFO : EPOCH 4 - PROGRESS: at 61.17% examples, 227799 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:55,383 : INFO : EPOCH 4 - PROGRESS: at 62.76% examples, 223188 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:56:56,437 : INFO : EPOCH 4 - PROGRESS: at 64.84% examples, 219538 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:57,439 : INFO : EPOCH 4 - PROGRESS: at 66.62% examples, 216084 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:58,444 : INFO : EPOCH 4 - PROGRESS: at 69.42% examples, 214674 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:56:59,446 : INFO : EPOCH 4 - PROGRESS: at 71.62% examples, 213820 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:57:00,445 : INFO : EPOCH 4 - PROGRESS: at 73.56% examples, 211906 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:01,459 : INFO : EPOCH 4 - PROGRESS: at 77.50% examples, 214082 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:02,474 : INFO : EPOCH 4 - PROGRESS: at 80.42% examples, 213843 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:03,478 : INFO : EPOCH 4 - PROGRESS: at 83.69% examples, 215554 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:04,513 : INFO : EPOCH 4 - PROGRESS: at 87.63% examples, 218845 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:05,521 : INFO : EPOCH 4 - PROGRESS: at 91.59% examples, 220495 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:06,525 : INFO : EPOCH 4 - PROGRESS: at 96.37% examples, 223779 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:57:07,257 : INFO : EPOCH 4: training on 10766283 raw words (7342921 effective words) took 32.5s, 226004 effective words/s
 2023-11-07 17:57:07,260 : INFO : Word2Vec lifecycle event {'msg': 'training on 53831415 raw words (36713795 effective words) took 136.7s, 268611 effective words/s', 'datetime': '2023-11-07T17:57:07.260592', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
 2023-11-07 17:57:07,261 : INFO : Word2Vec lifecycle event {'params': 'Word2Vec<vocab=70583, vector_size=100, alpha=0.025>', 'datetime': '2023-11-07T17:57:07.261591', 'gensim': '4.2.0', 'python': '3.10.2'}

```
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',  
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
```

70583

Threshold freq = 0.00055 Percentage of correct answers: 72.5%

```
2023-11-07 17:57:12,592 : INFO : collecting all words and their counts  
2023-11-07 17:57:12,593 : INFO : PROGRESS: at sentence #0, processed 0 words,  
keeping 0 word types  
2023-11-07 17:57:12,620 : INFO : PROGRESS: at sentence #10000, processed 112555  
words, keeping 6354 word types  
2023-11-07 17:57:12,651 : INFO : PROGRESS: at sentence #20000, processed 254983  
words, keeping 10821 word types  
2023-11-07 17:57:12,677 : INFO : PROGRESS: at sentence #30000, processed 367772  
words, keeping 12635 word types  
2023-11-07 17:57:12,717 : INFO : PROGRESS: at sentence #40000, processed 566573  
words, keeping 17685 word types  
2023-11-07 17:57:12,754 : INFO : PROGRESS: at sentence #50000, processed 724294  
words, keeping 20496 word types  
2023-11-07 17:57:12,787 : INFO : PROGRESS: at sentence #60000, processed 869309  
words, keeping 22253 word types  
2023-11-07 17:57:12,829 : INFO : PROGRESS: at sentence #70000, processed 1006992  
words, keeping 23483 word types  
2023-11-07 17:57:12,871 : INFO : PROGRESS: at sentence #80000, processed 1138953  
words, keeping 24604 word types  
2023-11-07 17:57:12,906 : INFO : PROGRESS: at sentence #90000, processed 1271320  
words, keeping 25783 word types  
2023-11-07 17:57:12,934 : INFO : PROGRESS: at sentence #100000, processed  
1381760 words, keeping 26648 word types  
2023-11-07 17:57:12,968 : INFO : PROGRESS: at sentence #110000, processed  
1513702 words, keeping 27511 word types  
2023-11-07 17:57:12,997 : INFO : PROGRESS: at sentence #120000, processed  
1631919 words, keeping 28085 word types  
2023-11-07 17:57:13,030 : INFO : PROGRESS: at sentence #130000, processed  
1765792 words, keeping 28818 word types  
2023-11-07 17:57:13,072 : INFO : PROGRESS: at sentence #140000, processed  
1923924 words, keeping 30297 word types  
2023-11-07 17:57:13,112 : INFO : PROGRESS: at sentence #150000, processed  
2044830 words, keeping 31192 word types  
2023-11-07 17:57:13,150 : INFO : PROGRESS: at sentence #160000, processed  
2160734 words, keeping 31656 word types  
2023-11-07 17:57:13,194 : INFO : PROGRESS: at sentence #170000, processed  
2293382 words, keeping 32392 word types  
2023-11-07 17:57:13,241 : INFO : PROGRESS: at sentence #180000, processed  
2439256 words, keeping 33343 word types  
2023-11-07 17:57:13,290 : INFO : PROGRESS: at sentence #190000, processed  
2585994 words, keeping 34347 word types  
2023-11-07 17:57:13,344 : INFO : PROGRESS: at sentence #200000, processed  
2738528 words, keeping 35649 word types
```

2023-11-07 17:57:13,391 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 17:57:13,431 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 17:57:13,492 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 17:57:13,544 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 17:57:13,639 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 17:57:13,683 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 17:57:13,718 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 17:57:13,765 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 17:57:13,821 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 17:57:13,868 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 17:57:13,903 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 17:57:13,956 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 17:57:14,002 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 17:57:14,033 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 17:57:14,068 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 17:57:14,112 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 17:57:14,152 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 17:57:14,189 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 17:57:14,234 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 17:57:14,266 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 17:57:14,296 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 17:57:14,332 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 17:57:14,369 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 17:57:14,404 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types

2023-11-07 17:57:14,449 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 17:57:14,517 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 17:57:14,576 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 17:57:14,612 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 17:57:14,655 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 17:57:14,696 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 17:57:14,729 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 17:57:14,765 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 17:57:14,808 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 17:57:14,871 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 17:57:14,914 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 17:57:14,957 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 17:57:14,995 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 17:57:15,029 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 17:57:15,063 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 17:57:15,104 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 17:57:15,154 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 17:57:15,191 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 17:57:15,240 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 17:57:15,272 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 17:57:15,321 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 17:57:15,370 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types
2023-11-07 17:57:15,413 : INFO : PROGRESS: at sentence #670000, processed
9702648 words, keeping 67288 word types
2023-11-07 17:57:15,445 : INFO : PROGRESS: at sentence #680000, processed
9827973 words, keeping 67596 word types

2023-11-07 17:57:15,479 : INFO : PROGRESS: at sentence #690000, processed 9953739 words, keeping 67868 word types
 2023-11-07 17:57:15,513 : INFO : PROGRESS: at sentence #700000, processed 10083832 words, keeping 68162 word types
 2023-11-07 17:57:15,550 : INFO : PROGRESS: at sentence #710000, processed 10223733 words, keeping 68816 word types
 2023-11-07 17:57:15,586 : INFO : PROGRESS: at sentence #720000, processed 10360488 words, keeping 69381 word types
 2023-11-07 17:57:15,619 : INFO : PROGRESS: at sentence #730000, processed 10479153 words, keeping 69774 word types
 2023-11-07 17:57:15,652 : INFO : PROGRESS: at sentence #740000, processed 10597851 words, keeping 70112 word types
 2023-11-07 17:57:15,692 : INFO : PROGRESS: at sentence #750000, processed 10734438 words, keeping 70523 word types
 2023-11-07 17:57:15,701 : INFO : collected 70583 word types from a corpus of 10766283 raw words and 752149 sentences
 2023-11-07 17:57:15,702 : INFO : Creating a fresh vocabulary
 2023-11-07 17:57:16,006 : INFO : Word2Vec lifecycle event {'msg': 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583, drops 0)', 'datetime': '2023-11-07T17:57:16.006896', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 17:57:16,008 : INFO : Word2Vec lifecycle event {'msg': 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original 10766283, drops 0)', 'datetime': '2023-11-07T17:57:16.008897', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 17:57:16,495 : INFO : deleting the raw counts dictionary of 70583 items
 2023-11-07 17:57:16,499 : INFO : sample=0.00055 downsamples 87 most-common words
 2023-11-07 17:57:16,500 : INFO : Word2Vec lifecycle event {'msg': 'downsampling leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)', 'datetime': '2023-11-07T17:57:16.500908', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 17:57:17,243 : INFO : estimated required memory for 70583 words and 100 dimensions: 91757900 bytes
 2023-11-07 17:57:17,245 : INFO : resetting layer weights
 2023-11-07 17:57:17,289 : INFO : Word2Vec lifecycle event {'update': False, 'trim_rule': 'None', 'datetime': '2023-11-07T17:57:17.288372', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'build_vocab'}
 2023-11-07 17:57:17,290 : INFO : Word2Vec lifecycle event {'msg': 'training model with 3 workers on 70583 vocabulary and 100 features, using sg=1 hs=0 sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':

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'2023-11-07T17:57:17.290351', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:57:18,332 : INFO : EPOCH 0 - PROGRESS: at 4.49% examples, 289693
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:19,357 : INFO : EPOCH 0 - PROGRESS: at 7.06% examples, 254485
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:20,380 : INFO : EPOCH 0 - PROGRESS: at 11.37% examples, 269491
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:21,401 : INFO : EPOCH 0 - PROGRESS: at 16.52% examples, 280486
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:22,414 : INFO : EPOCH 0 - PROGRESS: at 20.99% examples, 285144
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:23,421 : INFO : EPOCH 0 - PROGRESS: at 25.20% examples, 287431
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:24,425 : INFO : EPOCH 0 - PROGRESS: at 28.90% examples, 284178
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:25,440 : INFO : EPOCH 0 - PROGRESS: at 32.94% examples, 287221
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:26,444 : INFO : EPOCH 0 - PROGRESS: at 37.19% examples, 289293
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:27,452 : INFO : EPOCH 0 - PROGRESS: at 41.16% examples, 290769
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:57:28,473 : INFO : EPOCH 0 - PROGRESS: at 44.93% examples, 290213
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:29,510 : INFO : EPOCH 0 - PROGRESS: at 48.68% examples, 289987
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:30,526 : INFO : EPOCH 0 - PROGRESS: at 53.20% examples, 290783
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:31,533 : INFO : EPOCH 0 - PROGRESS: at 57.91% examples, 292787
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:32,549 : INFO : EPOCH 0 - PROGRESS: at 61.11% examples, 291758
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:33,559 : INFO : EPOCH 0 - PROGRESS: at 64.68% examples, 291721
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:34,582 : INFO : EPOCH 0 - PROGRESS: at 69.06% examples, 292514
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:35,596 : INFO : EPOCH 0 - PROGRESS: at 72.35% examples, 292540
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:36,602 : INFO : EPOCH 0 - PROGRESS: at 76.86% examples, 293938
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:37,620 : INFO : EPOCH 0 - PROGRESS: at 80.35% examples, 291242
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:38,629 : INFO : EPOCH 0 - PROGRESS: at 83.62% examples, 289840
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:39,651 : INFO : EPOCH 0 - PROGRESS: at 87.30% examples, 290343
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:40,671 : INFO : EPOCH 0 - PROGRESS: at 91.94% examples, 291021

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:41,692 : INFO : EPOCH 0 - PROGRESS: at 96.71% examples, 292156
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:42,325 : INFO : EPOCH 0: training on 10766283 raw words
(7341892 effective words) took 25.0s, 293383 effective words/s
2023-11-07 17:57:43,348 : INFO : EPOCH 1 - PROGRESS: at 4.32% examples, 275265
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:44,374 : INFO : EPOCH 1 - PROGRESS: at 7.58% examples, 276807
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:45,399 : INFO : EPOCH 1 - PROGRESS: at 11.47% examples, 273218
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:46,408 : INFO : EPOCH 1 - PROGRESS: at 16.70% examples, 285663
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:47,417 : INFO : EPOCH 1 - PROGRESS: at 21.35% examples, 290998
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:48,443 : INFO : EPOCH 1 - PROGRESS: at 25.61% examples, 293467
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:49,479 : INFO : EPOCH 1 - PROGRESS: at 30.07% examples, 294863
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:50,484 : INFO : EPOCH 1 - PROGRESS: at 33.40% examples, 292794
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:51,497 : INFO : EPOCH 1 - PROGRESS: at 37.12% examples, 287954
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:52,551 : INFO : EPOCH 1 - PROGRESS: at 40.86% examples, 286970
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:53,569 : INFO : EPOCH 1 - PROGRESS: at 44.83% examples, 288055
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:54,621 : INFO : EPOCH 1 - PROGRESS: at 48.68% examples, 288215
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:55,648 : INFO : EPOCH 1 - PROGRESS: at 53.56% examples, 290465
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:56,666 : INFO : EPOCH 1 - PROGRESS: at 58.01% examples, 291329
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:57,679 : INFO : EPOCH 1 - PROGRESS: at 61.16% examples, 290407
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:58,697 : INFO : EPOCH 1 - PROGRESS: at 65.02% examples, 291574
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:57:59,700 : INFO : EPOCH 1 - PROGRESS: at 69.51% examples, 293083
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:00,714 : INFO : EPOCH 1 - PROGRESS: at 72.94% examples, 293444
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:01,715 : INFO : EPOCH 1 - PROGRESS: at 77.16% examples, 293782
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:02,716 : INFO : EPOCH 1 - PROGRESS: at 80.98% examples, 292695
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:03,729 : INFO : EPOCH 1 - PROGRESS: at 84.81% examples, 292727
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:04,742 : INFO : EPOCH 1 - PROGRESS: at 88.34% examples, 292612


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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:05,751 : INFO : EPOCH 1 - PROGRESS: at 92.55% examples, 292152
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:06,804 : INFO : EPOCH 1 - PROGRESS: at 96.37% examples, 290401
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:07,692 : INFO : EPOCH 1: training on 10766283 raw words
(7341350 effective words) took 25.4s, 289529 effective words/s
2023-11-07 17:58:08,705 : INFO : EPOCH 2 - PROGRESS: at 4.26% examples, 271482
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:09,748 : INFO : EPOCH 2 - PROGRESS: at 6.88% examples, 249463
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:10,749 : INFO : EPOCH 2 - PROGRESS: at 10.76% examples, 256899
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:11,751 : INFO : EPOCH 2 - PROGRESS: at 15.81% examples, 272656
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:12,751 : INFO : EPOCH 2 - PROGRESS: at 20.37% examples, 280778
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:13,770 : INFO : EPOCH 2 - PROGRESS: at 25.04% examples, 287762
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:14,792 : INFO : EPOCH 2 - PROGRESS: at 29.35% examples, 290427
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:15,840 : INFO : EPOCH 2 - PROGRESS: at 33.20% examples, 290740
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:16,853 : INFO : EPOCH 2 - PROGRESS: at 37.71% examples, 294361
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:17,857 : INFO : EPOCH 2 - PROGRESS: at 41.91% examples, 296085
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:18,871 : INFO : EPOCH 2 - PROGRESS: at 46.30% examples, 298345
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:19,884 : INFO : EPOCH 2 - PROGRESS: at 49.98% examples, 297978
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:20,887 : INFO : EPOCH 2 - PROGRESS: at 54.55% examples, 298022
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:21,949 : INFO : EPOCH 2 - PROGRESS: at 58.32% examples, 294551
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:22,958 : INFO : EPOCH 2 - PROGRESS: at 60.74% examples, 288999
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:23,961 : INFO : EPOCH 2 - PROGRESS: at 62.76% examples, 283035
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:24,965 : INFO : EPOCH 2 - PROGRESS: at 66.10% examples, 281124
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:25,982 : INFO : EPOCH 2 - PROGRESS: at 69.71% examples, 279221
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:26,990 : INFO : EPOCH 2 - PROGRESS: at 73.04% examples, 280034
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:28,017 : INFO : EPOCH 2 - PROGRESS: at 77.39% examples, 280969
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:29,065 : INFO : EPOCH 2 - PROGRESS: at 81.76% examples, 282124

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:30,073 : INFO : EPOCH 2 - PROGRESS: at 85.64% examples, 283029
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:31,096 : INFO : EPOCH 2 - PROGRESS: at 89.54% examples, 284136
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:32,104 : INFO : EPOCH 2 - PROGRESS: at 93.91% examples, 284324
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:33,109 : INFO : EPOCH 2 - PROGRESS: at 97.17% examples, 281614
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:33,953 : INFO : EPOCH 2: training on 10766283 raw words
(7342567 effective words) took 26.2s, 279727 effective words/s
2023-11-07 17:58:34,972 : INFO : EPOCH 3 - PROGRESS: at 4.09% examples, 256767
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:35,981 : INFO : EPOCH 3 - PROGRESS: at 7.49% examples, 276642
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:36,984 : INFO : EPOCH 3 - PROGRESS: at 12.26% examples, 293249
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:37,987 : INFO : EPOCH 3 - PROGRESS: at 17.45% examples, 301416
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:39,030 : INFO : EPOCH 3 - PROGRESS: at 22.56% examples, 308325
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:40,032 : INFO : EPOCH 3 - PROGRESS: at 26.64% examples, 309091
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:41,054 : INFO : EPOCH 3 - PROGRESS: at 30.98% examples, 308567
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:42,061 : INFO : EPOCH 3 - PROGRESS: at 35.13% examples, 306602
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:43,101 : INFO : EPOCH 3 - PROGRESS: at 38.86% examples, 304457
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:44,153 : INFO : EPOCH 3 - PROGRESS: at 42.68% examples, 302976
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:45,170 : INFO : EPOCH 3 - PROGRESS: at 47.21% examples, 304570
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:46,188 : INFO : EPOCH 3 - PROGRESS: at 51.36% examples, 304695
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:47,207 : INFO : EPOCH 3 - PROGRESS: at 56.17% examples, 305965
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:48,241 : INFO : EPOCH 3 - PROGRESS: at 60.23% examples, 304906
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:49,263 : INFO : EPOCH 3 - PROGRESS: at 62.64% examples, 300340
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:50,277 : INFO : EPOCH 3 - PROGRESS: at 65.66% examples, 295830
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:51,295 : INFO : EPOCH 3 - PROGRESS: at 69.51% examples, 293715
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:52,300 : INFO : EPOCH 3 - PROGRESS: at 72.83% examples, 293812
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:53,304 : INFO : EPOCH 3 - PROGRESS: at 77.16% examples, 294426

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:54,345 : INFO : EPOCH 3 - PROGRESS: at 81.48% examples, 294705
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:55,350 : INFO : EPOCH 3 - PROGRESS: at 85.58% examples, 295719
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:56,376 : INFO : EPOCH 3 - PROGRESS: at 89.05% examples, 295321
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:57,406 : INFO : EPOCH 3 - PROGRESS: at 94.28% examples, 297065
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:58,446 : INFO : EPOCH 3 - PROGRESS: at 99.47% examples, 298326
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:58:58,613 : INFO : EPOCH 3: training on 10766283 raw words
(7342070 effective words) took 24.6s, 297860 effective words/s
2023-11-07 17:58:59,631 : INFO : EPOCH 4 - PROGRESS: at 4.26% examples, 271932
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:00,639 : INFO : EPOCH 4 - PROGRESS: at 7.49% examples, 277578
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:01,656 : INFO : EPOCH 4 - PROGRESS: at 11.94% examples, 285616
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:02,680 : INFO : EPOCH 4 - PROGRESS: at 16.61% examples, 285814
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:03,681 : INFO : EPOCH 4 - PROGRESS: at 21.12% examples, 290086
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:04,715 : INFO : EPOCH 4 - PROGRESS: at 25.12% examples, 287996
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:05,717 : INFO : EPOCH 4 - PROGRESS: at 29.35% examples, 290504
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:06,743 : INFO : EPOCH 4 - PROGRESS: at 33.20% examples, 291607
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:07,744 : INFO : EPOCH 4 - PROGRESS: at 37.55% examples, 294037
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:08,755 : INFO : EPOCH 4 - PROGRESS: at 41.73% examples, 295581
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:09,761 : INFO : EPOCH 4 - PROGRESS: at 45.72% examples, 295631
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:10,766 : INFO : EPOCH 4 - PROGRESS: at 49.51% examples, 296244
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:11,787 : INFO : EPOCH 4 - PROGRESS: at 54.55% examples, 298561
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:12,790 : INFO : EPOCH 4 - PROGRESS: at 58.89% examples, 298736
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:13,813 : INFO : EPOCH 4 - PROGRESS: at 61.83% examples, 298496
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:14,821 : INFO : EPOCH 4 - PROGRESS: at 65.90% examples, 298862
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:15,842 : INFO : EPOCH 4 - PROGRESS: at 70.57% examples, 300136
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:16,875 : INFO : EPOCH 4 - PROGRESS: at 73.62% examples, 298639

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words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:17,896 : INFO : EPOCH 4 - PROGRESS: at 78.47% examples, 300146
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:18,912 : INFO : EPOCH 4 - PROGRESS: at 82.45% examples, 299484
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:59:19,929 : INFO : EPOCH 4 - PROGRESS: at 85.85% examples, 298209
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:20,935 : INFO : EPOCH 4 - PROGRESS: at 89.39% examples, 297676
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:21,938 : INFO : EPOCH 4 - PROGRESS: at 94.28% examples, 298812
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:22,947 : INFO : EPOCH 4 - PROGRESS: at 98.92% examples, 298977
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:23,173 : INFO : EPOCH 4: training on 10766283 raw words
(7342525 effective words) took 24.5s, 299168 effective words/s
2023-11-07 17:59:23,175 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36710404 effective words) took 125.9s, 291622 effective
words/s', 'datetime': '2023-11-07T17:59:23.175230', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:59:23,176 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=100, alpha=0.025>', 'datetime':
'2023-11-07T17:59:23.176230', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
70583
Threshold freq = 0.00055 Percentage of correct answers: 70.0%

2023-11-07 17:59:29,049 : INFO : collecting all words and their counts
2023-11-07 17:59:29,051 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 17:59:29,077 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 17:59:29,111 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 17:59:29,138 : INFO : PROGRESS: at sentence #30000, processed 367772
words, keeping 12635 word types
2023-11-07 17:59:29,179 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 17:59:29,215 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 17:59:29,247 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 17:59:29,279 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 17:59:29,311 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 17:59:29,345 : INFO : PROGRESS: at sentence #90000, processed 1271320

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words, keeping 25783 word types
2023-11-07 17:59:29,376 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 17:59:29,410 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 17:59:29,439 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 17:59:29,473 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 17:59:29,512 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 17:59:29,545 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 17:59:29,573 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 17:59:29,608 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 17:59:29,648 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
2023-11-07 17:59:29,691 : INFO : PROGRESS: at sentence #190000, processed
2585994 words, keeping 34347 word types
2023-11-07 17:59:29,731 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 17:59:29,773 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 17:59:29,813 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 17:59:29,860 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 17:59:29,896 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 17:59:29,949 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 17:59:29,986 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 17:59:30,026 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 17:59:30,079 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 17:59:30,119 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 17:59:30,164 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 17:59:30,200 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 17:59:30,247 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 17:59:30,295 : INFO : PROGRESS: at sentence #330000, processed

4668049 words, keeping 47185 word types
2023-11-07 17:59:30,326 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 17:59:30,361 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 17:59:30,405 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 17:59:30,445 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 17:59:30,487 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 17:59:30,523 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 17:59:30,556 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 17:59:30,588 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 17:59:30,629 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 17:59:30,666 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 17:59:30,700 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 17:59:30,742 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 17:59:30,803 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 17:59:30,861 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 17:59:30,907 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 17:59:30,961 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 17:59:31,012 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 17:59:31,052 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 17:59:31,095 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 17:59:31,132 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 17:59:31,188 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 17:59:31,238 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 17:59:31,285 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 17:59:31,342 : INFO : PROGRESS: at sentence #570000, processed

8220916 words, keeping 61572 word types
 2023-11-07 17:59:31,386 : INFO : PROGRESS: at sentence #580000, processed
 8337894 words, keeping 61863 word types
 2023-11-07 17:59:31,426 : INFO : PROGRESS: at sentence #590000, processed
 8467527 words, keeping 62192 word types
 2023-11-07 17:59:31,471 : INFO : PROGRESS: at sentence #600000, processed
 8601730 words, keeping 62628 word types
 2023-11-07 17:59:31,519 : INFO : PROGRESS: at sentence #610000, processed
 8757627 words, keeping 63211 word types
 2023-11-07 17:59:31,561 : INFO : PROGRESS: at sentence #620000, processed
 8899486 words, keeping 63809 word types
 2023-11-07 17:59:31,612 : INFO : PROGRESS: at sentence #630000, processed
 9081782 words, keeping 64483 word types
 2023-11-07 17:59:31,646 : INFO : PROGRESS: at sentence #640000, processed
 9203773 words, keeping 64821 word types
 2023-11-07 17:59:31,694 : INFO : PROGRESS: at sentence #650000, processed
 9389002 words, keeping 65876 word types
 2023-11-07 17:59:31,741 : INFO : PROGRESS: at sentence #660000, processed
 9554591 words, keeping 66413 word types
 2023-11-07 17:59:31,781 : INFO : PROGRESS: at sentence #670000, processed
 9702648 words, keeping 67288 word types
 2023-11-07 17:59:31,818 : INFO : PROGRESS: at sentence #680000, processed
 9827973 words, keeping 67596 word types
 2023-11-07 17:59:31,856 : INFO : PROGRESS: at sentence #690000, processed
 9953739 words, keeping 67868 word types
 2023-11-07 17:59:31,895 : INFO : PROGRESS: at sentence #700000, processed
 10083832 words, keeping 68162 word types
 2023-11-07 17:59:31,933 : INFO : PROGRESS: at sentence #710000, processed
 10223733 words, keeping 68816 word types
 2023-11-07 17:59:31,971 : INFO : PROGRESS: at sentence #720000, processed
 10360488 words, keeping 69381 word types
 2023-11-07 17:59:32,002 : INFO : PROGRESS: at sentence #730000, processed
 10479153 words, keeping 69774 word types
 2023-11-07 17:59:32,037 : INFO : PROGRESS: at sentence #740000, processed
 10597851 words, keeping 70112 word types
 2023-11-07 17:59:32,077 : INFO : PROGRESS: at sentence #750000, processed
 10734438 words, keeping 70523 word types
 2023-11-07 17:59:32,087 : INFO : collected 70583 word types from a corpus of
 10766283 raw words and 752149 sentences
 2023-11-07 17:59:32,088 : INFO : Creating a fresh vocabulary
 2023-11-07 17:59:32,421 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
 drops 0)', 'datetime': '2023-11-07T17:59:32.421359', 'gensim': '4.2.0',
 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 17:59:32,422 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original

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10766283, drops 0)', 'datetime': '2023-11-07T17:59:32.422356', 'gensim':
'4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'prepare_vocab'}
2023-11-07 17:59:32,942 : INFO : deleting the raw counts dictionary of 70583
items
2023-11-07 17:59:32,945 : INFO : sample=0.00055 downsamples 87 most-common words
2023-11-07 17:59:32,946 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
'datetime': '2023-11-07T17:59:32.946368', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
2023-11-07 17:59:33,693 : INFO : estimated required memory for 70583 words and
100 dimensions: 91757900 bytes
2023-11-07 17:59:33,694 : INFO : resetting layer weights
2023-11-07 17:59:33,748 : INFO : Word2Vec lifecycle event {'update': False,
'trim_rule': 'None', 'datetime': '2023-11-07T17:59:33.748357', 'gensim':
'4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
'build_vocab'}
2023-11-07 17:59:33,749 : INFO : Word2Vec lifecycle event {'msg': 'training
model with 3 workers on 70583 vocabulary and 100 features, using sg=1 hs=0
sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
'2023-11-07T17:59:33.749357', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 17:59:34,913 : INFO : EPOCH 0 - PROGRESS: at 4.26% examples, 236107
words/s, in_qsize 5, out_qsize 1
2023-11-07 17:59:35,928 : INFO : EPOCH 0 - PROGRESS: at 6.78% examples, 232175
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:36,962 : INFO : EPOCH 0 - PROGRESS: at 10.76% examples, 244246
words/s, in_qsize 6, out_qsize 0
2023-11-07 17:59:38,000 : INFO : EPOCH 0 - PROGRESS: at 14.95% examples, 247406
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:39,013 : INFO : EPOCH 0 - PROGRESS: at 18.84% examples, 252881
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:40,077 : INFO : EPOCH 0 - PROGRESS: at 23.38% examples, 257009
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:41,106 : INFO : EPOCH 0 - PROGRESS: at 26.95% examples, 258955
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:42,137 : INFO : EPOCH 0 - PROGRESS: at 30.60% examples, 257120
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:43,144 : INFO : EPOCH 0 - PROGRESS: at 34.76% examples, 262364
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:44,149 : INFO : EPOCH 0 - PROGRESS: at 37.79% examples, 259919
words/s, in_qsize 5, out_qsize 0
2023-11-07 17:59:45,155 : INFO : EPOCH 0 - PROGRESS: at 41.73% examples, 262650
words/s, in_qsize 5, out_qsize 0

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2023-11-07 17:59:46,161 : INFO : EPOCH 0 - PROGRESS: at 44.83% examples, 260982 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:47,193 : INFO : EPOCH 0 - PROGRESS: at 48.40% examples, 261671 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:48,196 : INFO : EPOCH 0 - PROGRESS: at 53.20% examples, 266523 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:49,200 : INFO : EPOCH 0 - PROGRESS: at 58.01% examples, 270462 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:50,230 : INFO : EPOCH 0 - PROGRESS: at 61.22% examples, 271074 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:51,234 : INFO : EPOCH 0 - PROGRESS: at 64.84% examples, 272354 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:52,253 : INFO : EPOCH 0 - PROGRESS: at 69.23% examples, 274195 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:53,269 : INFO : EPOCH 0 - PROGRESS: at 72.42% examples, 274770 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:54,272 : INFO : EPOCH 0 - PROGRESS: at 76.97% examples, 277001 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:55,283 : INFO : EPOCH 0 - PROGRESS: at 81.13% examples, 277885 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:56,294 : INFO : EPOCH 0 - PROGRESS: at 85.33% examples, 279533 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:57,311 : INFO : EPOCH 0 - PROGRESS: at 88.65% examples, 279942 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:58,320 : INFO : EPOCH 0 - PROGRESS: at 93.65% examples, 281680 words/s, in_qsize 6, out_qsize 0
 2023-11-07 17:59:59,339 : INFO : EPOCH 0 - PROGRESS: at 98.52% examples, 282939 words/s, in_qsize 5, out_qsize 0
 2023-11-07 17:59:59,650 : INFO : EPOCH 0: training on 10766283 raw words (7343411 effective words) took 25.9s, 283640 effective words/s
 2023-11-07 18:00:00,674 : INFO : EPOCH 1 - PROGRESS: at 4.43% examples, 288316 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:01,691 : INFO : EPOCH 1 - PROGRESS: at 7.98% examples, 291195 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:02,706 : INFO : EPOCH 1 - PROGRESS: at 12.84% examples, 301859 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:03,717 : INFO : EPOCH 1 - PROGRESS: at 17.83% examples, 307202 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:04,733 : INFO : EPOCH 1 - PROGRESS: at 22.56% examples, 307838 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:05,771 : INFO : EPOCH 1 - PROGRESS: at 26.53% examples, 304637 words/s, in_qsize 6, out_qsize 0
 2023-11-07 18:00:06,792 : INFO : EPOCH 1 - PROGRESS: at 30.75% examples, 303897 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:07,809 : INFO : EPOCH 1 - PROGRESS: at 35.25% examples, 305498 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:08,822 : INFO : EPOCH 1 - PROGRESS: at 39.16% examples, 305874 words/s, in_qsize 5, out_qsize 0

2023-11-07 18:00:09,847 : INFO : EPOCH 1 - PROGRESS: at 42.68% examples, 303054 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:10,882 : INFO : EPOCH 1 - PROGRESS: at 46.99% examples, 302341 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:11,902 : INFO : EPOCH 1 - PROGRESS: at 50.98% examples, 302088 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:12,942 : INFO : EPOCH 1 - PROGRESS: at 55.94% examples, 303616 words/s, in_qsize 4, out_qsize 1
2023-11-07 18:00:13,982 : INFO : EPOCH 1 - PROGRESS: at 60.29% examples, 304479 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:14,997 : INFO : EPOCH 1 - PROGRESS: at 63.65% examples, 304091 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:16,034 : INFO : EPOCH 1 - PROGRESS: at 67.94% examples, 304276 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:00:17,045 : INFO : EPOCH 1 - PROGRESS: at 71.19% examples, 300812 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:18,054 : INFO : EPOCH 1 - PROGRESS: at 74.39% examples, 299594 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:19,059 : INFO : EPOCH 1 - PROGRESS: at 79.14% examples, 300580 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:20,063 : INFO : EPOCH 1 - PROGRESS: at 82.89% examples, 300120 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:21,091 : INFO : EPOCH 1 - PROGRESS: at 86.43% examples, 299024 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:22,105 : INFO : EPOCH 1 - PROGRESS: at 90.08% examples, 297688 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:23,126 : INFO : EPOCH 1 - PROGRESS: at 93.73% examples, 295113 words/s, in_qsize 4, out_qsize 1
2023-11-07 18:00:24,143 : INFO : EPOCH 1 - PROGRESS: at 97.62% examples, 293409 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:24,705 : INFO : EPOCH 1: training on 10766283 raw words (7344287 effective words) took 25.0s, 293237 effective words/s
2023-11-07 18:00:25,740 : INFO : EPOCH 2 - PROGRESS: at 3.63% examples, 225606 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:26,774 : INFO : EPOCH 2 - PROGRESS: at 6.18% examples, 221249 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:27,848 : INFO : EPOCH 2 - PROGRESS: at 10.12% examples, 236510 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:28,860 : INFO : EPOCH 2 - PROGRESS: at 14.69% examples, 249769 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:29,862 : INFO : EPOCH 2 - PROGRESS: at 19.30% examples, 263343 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:30,873 : INFO : EPOCH 2 - PROGRESS: at 23.75% examples, 267975 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:31,895 : INFO : EPOCH 2 - PROGRESS: at 27.79% examples, 272424 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:00:32,895 : INFO : EPOCH 2 - PROGRESS: at 32.31% examples, 277329 words/s, in_qsize 5, out_qsize 0

2023-11-07 18:00:33,945 : INFO : EPOCH 2 - PROGRESS: at 36.43% examples, 278426 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:34,955 : INFO : EPOCH 2 - PROGRESS: at 40.12% examples, 281598 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:35,967 : INFO : EPOCH 2 - PROGRESS: at 44.00% examples, 283305 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:36,984 : INFO : EPOCH 2 - PROGRESS: at 48.40% examples, 286406 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:37,993 : INFO : EPOCH 2 - PROGRESS: at 52.70% examples, 287114 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:38,997 : INFO : EPOCH 2 - PROGRESS: at 57.03% examples, 287969 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:40,039 : INFO : EPOCH 2 - PROGRESS: at 60.74% examples, 287647 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:41,045 : INFO : EPOCH 2 - PROGRESS: at 64.34% examples, 288425 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:42,054 : INFO : EPOCH 2 - PROGRESS: at 67.12% examples, 284483 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:43,083 : INFO : EPOCH 2 - PROGRESS: at 70.77% examples, 282363 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:44,085 : INFO : EPOCH 2 - PROGRESS: at 72.60% examples, 277386 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:45,093 : INFO : EPOCH 2 - PROGRESS: at 76.13% examples, 276358 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:46,172 : INFO : EPOCH 2 - PROGRESS: at 80.35% examples, 275815 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:47,189 : INFO : EPOCH 2 - PROGRESS: at 83.62% examples, 275062 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:48,194 : INFO : EPOCH 2 - PROGRESS: at 86.56% examples, 273425 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:49,257 : INFO : EPOCH 2 - PROGRESS: at 88.65% examples, 268556 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:50,270 : INFO : EPOCH 2 - PROGRESS: at 91.70% examples, 265598 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:51,277 : INFO : EPOCH 2 - PROGRESS: at 96.14% examples, 267010 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:52,107 : INFO : EPOCH 2: training on 10766283 raw words (7341975 effective words) took 27.4s, 268036 effective words/s
 2023-11-07 18:00:53,122 : INFO : EPOCH 3 - PROGRESS: at 4.60% examples, 310728 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:54,126 : INFO : EPOCH 3 - PROGRESS: at 8.42% examples, 307627 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:55,128 : INFO : EPOCH 3 - PROGRESS: at 11.94% examples, 287078 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:56,129 : INFO : EPOCH 3 - PROGRESS: at 16.52% examples, 286690 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:57,155 : INFO : EPOCH 3 - PROGRESS: at 20.11% examples, 278499 words/s, in_qsize 5, out_qsize 0

2023-11-07 18:00:58,157 : INFO : EPOCH 3 - PROGRESS: at 22.71% examples, 260733 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:00:59,168 : INFO : EPOCH 3 - PROGRESS: at 25.35% examples, 251325 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:00,170 : INFO : EPOCH 3 - PROGRESS: at 27.40% examples, 239499 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:01,190 : INFO : EPOCH 3 - PROGRESS: at 30.35% examples, 235084 words/s, in_qsize 6, out_qsize 0
 2023-11-07 18:01:02,246 : INFO : EPOCH 3 - PROGRESS: at 33.40% examples, 235530 words/s, in_qsize 6, out_qsize 0
 2023-11-07 18:01:03,255 : INFO : EPOCH 3 - PROGRESS: at 37.06% examples, 236252 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:04,272 : INFO : EPOCH 3 - PROGRESS: at 40.49% examples, 238959 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:05,281 : INFO : EPOCH 3 - PROGRESS: at 44.40% examples, 243754 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:06,290 : INFO : EPOCH 3 - PROGRESS: at 48.32% examples, 247500 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:07,312 : INFO : EPOCH 3 - PROGRESS: at 52.98% examples, 252277 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:08,336 : INFO : EPOCH 3 - PROGRESS: at 57.79% examples, 256597 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:09,351 : INFO : EPOCH 3 - PROGRESS: at 61.41% examples, 260169 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:10,364 : INFO : EPOCH 3 - PROGRESS: at 65.22% examples, 262600 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:11,372 : INFO : EPOCH 3 - PROGRESS: at 68.95% examples, 262211 words/s, in_qsize 4, out_qsize 1
 2023-11-07 18:01:12,385 : INFO : EPOCH 3 - PROGRESS: at 72.28% examples, 263745 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:13,407 : INFO : EPOCH 3 - PROGRESS: at 76.86% examples, 266484 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:14,407 : INFO : EPOCH 3 - PROGRESS: at 80.98% examples, 267649 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:15,415 : INFO : EPOCH 3 - PROGRESS: at 85.19% examples, 269702 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:16,433 : INFO : EPOCH 3 - PROGRESS: at 88.24% examples, 269402 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:17,448 : INFO : EPOCH 3 - PROGRESS: at 92.93% examples, 271175 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:18,453 : INFO : EPOCH 3 - PROGRESS: at 97.76% examples, 272962 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:18,946 : INFO : EPOCH 3: training on 10766283 raw words (7342999 effective words) took 26.8s, 273685 effective words/s
 2023-11-07 18:01:19,957 : INFO : EPOCH 4 - PROGRESS: at 4.60% examples, 311978 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:20,975 : INFO : EPOCH 4 - PROGRESS: at 8.89% examples, 322722 words/s, in_qsize 5, out_qsize 0

2023-11-07 18:01:21,999 : INFO : EPOCH 4 - PROGRESS: at 12.98% examples, 304128 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:23,026 : INFO : EPOCH 4 - PROGRESS: at 17.83% examples, 305958 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:24,048 : INFO : EPOCH 4 - PROGRESS: at 22.71% examples, 309299 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:25,053 : INFO : EPOCH 4 - PROGRESS: at 26.27% examples, 300802 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:26,073 : INFO : EPOCH 4 - PROGRESS: at 30.46% examples, 300574 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:27,077 : INFO : EPOCH 4 - PROGRESS: at 34.09% examples, 298739 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:28,082 : INFO : EPOCH 4 - PROGRESS: at 38.52% examples, 301683 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:29,129 : INFO : EPOCH 4 - PROGRESS: at 42.55% examples, 301985 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:30,153 : INFO : EPOCH 4 - PROGRESS: at 47.07% examples, 303471 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:31,155 : INFO : EPOCH 4 - PROGRESS: at 51.27% examples, 304691 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:32,155 : INFO : EPOCH 4 - PROGRESS: at 55.78% examples, 304367 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:33,174 : INFO : EPOCH 4 - PROGRESS: at 59.92% examples, 303699 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:34,193 : INFO : EPOCH 4 - PROGRESS: at 62.95% examples, 302851 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:35,194 : INFO : EPOCH 4 - PROGRESS: at 66.97% examples, 303370 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:36,203 : INFO : EPOCH 4 - PROGRESS: at 71.19% examples, 303117 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:37,206 : INFO : EPOCH 4 - PROGRESS: at 73.98% examples, 300376 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:38,221 : INFO : EPOCH 4 - PROGRESS: at 78.68% examples, 300829 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:39,221 : INFO : EPOCH 4 - PROGRESS: at 82.89% examples, 302070 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:40,223 : INFO : EPOCH 4 - PROGRESS: at 86.62% examples, 302213 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:41,254 : INFO : EPOCH 4 - PROGRESS: at 91.24% examples, 303191 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:42,286 : INFO : EPOCH 4 - PROGRESS: at 96.14% examples, 304006 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:01:43,080 : INFO : EPOCH 4: training on 10766283 raw words (7342411 effective words) took 24.1s, 304336 effective words/s
 2023-11-07 18:01:43,081 : INFO : Word2Vec lifecycle event {'msg': 'training on 53831415 raw words (36715083 effective words) took 129.3s, 283883 effective words/s', 'datetime': '2023-11-07T18:01:43.081820', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit

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(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 18:01:43,082 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=100, alpha=0.025>', 'datetime':
'2023-11-07T18:01:43.082820', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
```

70583

Threshold freq = 0.00055 Percentage of correct answers: 67.5%

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2023-11-07 18:01:46,959 : INFO : collecting all words and their counts
2023-11-07 18:01:46,960 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 18:01:46,987 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 18:01:47,022 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 18:01:47,049 : INFO : PROGRESS: at sentence #30000, processed 367772
words, keeping 12635 word types
2023-11-07 18:01:47,095 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 18:01:47,135 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 18:01:47,176 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 18:01:47,208 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 18:01:47,240 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 18:01:47,277 : INFO : PROGRESS: at sentence #90000, processed 1271320
words, keeping 25783 word types
2023-11-07 18:01:47,304 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 18:01:47,339 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 18:01:47,374 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 18:01:47,408 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 18:01:47,446 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 18:01:47,481 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 18:01:47,510 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 18:01:47,549 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 18:01:47,585 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
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2023-11-07 18:01:47,622 : INFO : PROGRESS: at sentence #190000, processed
2585994 words, keeping 34347 word types
2023-11-07 18:01:47,660 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 18:01:47,697 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 18:01:47,730 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 18:01:47,801 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 18:01:47,880 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 18:01:47,942 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 18:01:47,975 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 18:01:48,009 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 18:01:48,054 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 18:01:48,105 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 18:01:48,150 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 18:01:48,191 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 18:01:48,244 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 18:01:48,292 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 18:01:48,328 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 18:01:48,370 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 18:01:48,425 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 18:01:48,465 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 18:01:48,505 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 18:01:48,541 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 18:01:48,574 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 18:01:48,605 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 18:01:48,641 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types

2023-11-07 18:01:48,680 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 18:01:48,712 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 18:01:48,752 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 18:01:48,817 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 18:01:48,882 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 18:01:48,918 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 18:01:48,961 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 18:01:49,007 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 18:01:49,051 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 18:01:49,131 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 18:01:49,194 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 18:01:49,262 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 18:01:49,305 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 18:01:49,351 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 18:01:49,393 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 18:01:49,426 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 18:01:49,460 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 18:01:49,500 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 18:01:49,542 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 18:01:49,579 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 18:01:49,631 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 18:01:49,666 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 18:01:49,713 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 18:01:49,757 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types

2023-11-07 18:01:49,795 : INFO : PROGRESS: at sentence #670000, processed 9702648 words, keeping 67288 word types
 2023-11-07 18:01:49,837 : INFO : PROGRESS: at sentence #680000, processed 9827973 words, keeping 67596 word types
 2023-11-07 18:01:49,871 : INFO : PROGRESS: at sentence #690000, processed 9953739 words, keeping 67868 word types
 2023-11-07 18:01:49,908 : INFO : PROGRESS: at sentence #700000, processed 10083832 words, keeping 68162 word types
 2023-11-07 18:01:49,946 : INFO : PROGRESS: at sentence #710000, processed 10223733 words, keeping 68816 word types
 2023-11-07 18:01:49,982 : INFO : PROGRESS: at sentence #720000, processed 10360488 words, keeping 69381 word types
 2023-11-07 18:01:50,015 : INFO : PROGRESS: at sentence #730000, processed 10479153 words, keeping 69774 word types
 2023-11-07 18:01:50,047 : INFO : PROGRESS: at sentence #740000, processed 10597851 words, keeping 70112 word types
 2023-11-07 18:01:50,091 : INFO : PROGRESS: at sentence #750000, processed 10734438 words, keeping 70523 word types
 2023-11-07 18:01:50,101 : INFO : collected 70583 word types from a corpus of 10766283 raw words and 752149 sentences
 2023-11-07 18:01:50,102 : INFO : Creating a fresh vocabulary
 2023-11-07 18:01:50,413 : INFO : Word2Vec lifecycle event {'msg': 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583, drops 0)', 'datetime': '2023-11-07T18:01:50.413429', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 18:01:50,414 : INFO : Word2Vec lifecycle event {'msg': 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original 10766283, drops 0)', 'datetime': '2023-11-07T18:01:50.414429', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 18:01:50,898 : INFO : deleting the raw counts dictionary of 70583 items
 2023-11-07 18:01:50,903 : INFO : sample=0.00055 downsamples 87 most-common words
 2023-11-07 18:01:50,905 : INFO : Word2Vec lifecycle event {'msg': 'downsampling leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)', 'datetime': '2023-11-07T18:01:50.905430', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 18:01:51,655 : INFO : estimated required memory for 70583 words and 1000 dimensions: 599955500 bytes
 2023-11-07 18:01:51,656 : INFO : resetting layer weights
 2023-11-07 18:01:52,108 : INFO : Word2Vec lifecycle event {'update': False, 'trim_rule': 'None', 'datetime': '2023-11-07T18:01:52.108434', 'gensim': '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':

```

'build_vocab'}
2023-11-07 18:01:52,110 : INFO : Word2Vec lifecycle event {'msg': 'training
model with 3 workers on 70583 vocabulary and 1000 features, using sg=1 hs=0
sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
'2023-11-07T18:01:52.110430', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 18:01:53,382 : INFO : EPOCH 0 - PROGRESS: at 0.81% examples, 37554
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:01:54,626 : INFO : EPOCH 0 - PROGRESS: at 1.81% examples, 43272
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:01:55,813 : INFO : EPOCH 0 - PROGRESS: at 2.60% examples, 46006
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:01:56,878 : INFO : EPOCH 0 - PROGRESS: at 3.63% examples, 48536
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:01:57,902 : INFO : EPOCH 0 - PROGRESS: at 4.38% examples, 49357
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:01:59,119 : INFO : EPOCH 0 - PROGRESS: at 4.78% examples, 47592
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:00,180 : INFO : EPOCH 0 - PROGRESS: at 5.35% examples, 48097
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:01,188 : INFO : EPOCH 0 - PROGRESS: at 5.94% examples, 47958
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:02,190 : INFO : EPOCH 0 - PROGRESS: at 6.59% examples, 48594
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:03,226 : INFO : EPOCH 0 - PROGRESS: at 7.22% examples, 48381
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:04,422 : INFO : EPOCH 0 - PROGRESS: at 8.10% examples, 48617
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:05,632 : INFO : EPOCH 0 - PROGRESS: at 8.98% examples, 48778
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:06,792 : INFO : EPOCH 0 - PROGRESS: at 9.86% examples, 49102
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:08,040 : INFO : EPOCH 0 - PROGRESS: at 10.75% examples, 49132
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:09,075 : INFO : EPOCH 0 - PROGRESS: at 11.47% examples, 49371
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:10,091 : INFO : EPOCH 0 - PROGRESS: at 12.26% examples, 49255
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:11,318 : INFO : EPOCH 0 - PROGRESS: at 13.38% examples, 49312
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:12,523 : INFO : EPOCH 0 - PROGRESS: at 14.30% examples, 49421
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:13,668 : INFO : EPOCH 0 - PROGRESS: at 15.31% examples, 49640
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:14,879 : INFO : EPOCH 0 - PROGRESS: at 16.24% examples, 49684
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:16,034 : INFO : EPOCH 0 - PROGRESS: at 17.11% examples, 49835

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:17,309 : INFO : EPOCH 0 - PROGRESS: at 17.91% examples, 49742
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:18,546 : INFO : EPOCH 0 - PROGRESS: at 18.67% examples, 49747
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:19,763 : INFO : EPOCH 0 - PROGRESS: at 19.62% examples, 49798
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:20,864 : INFO : EPOCH 0 - PROGRESS: at 20.71% examples, 50017
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:22,145 : INFO : EPOCH 0 - PROGRESS: at 21.69% examples, 49964
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:23,461 : INFO : EPOCH 0 - PROGRESS: at 22.56% examples, 49831
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:24,700 : INFO : EPOCH 0 - PROGRESS: at 23.38% examples, 49840
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:25,809 : INFO : EPOCH 0 - PROGRESS: at 24.25% examples, 50011
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:26,864 : INFO : EPOCH 0 - PROGRESS: at 24.95% examples, 50054
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:27,908 : INFO : EPOCH 0 - PROGRESS: at 25.52% examples, 49916
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:29,034 : INFO : EPOCH 0 - PROGRESS: at 26.33% examples, 49882
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:30,169 : INFO : EPOCH 0 - PROGRESS: at 26.77% examples, 49632
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:31,236 : INFO : EPOCH 0 - PROGRESS: at 27.59% examples, 49667
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:32,294 : INFO : EPOCH 0 - PROGRESS: at 28.44% examples, 49713
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:33,316 : INFO : EPOCH 0 - PROGRESS: at 29.24% examples, 49806
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:34,479 : INFO : EPOCH 0 - PROGRESS: at 30.01% examples, 49573
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:35,862 : INFO : EPOCH 0 - PROGRESS: at 30.67% examples, 49387
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:37,048 : INFO : EPOCH 0 - PROGRESS: at 31.43% examples, 49440
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:38,227 : INFO : EPOCH 0 - PROGRESS: at 32.44% examples, 49516
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:39,290 : INFO : EPOCH 0 - PROGRESS: at 32.82% examples, 49278
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:40,293 : INFO : EPOCH 0 - PROGRESS: at 33.33% examples, 49381
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:41,392 : INFO : EPOCH 0 - PROGRESS: at 34.14% examples, 49260
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:42,459 : INFO : EPOCH 0 - PROGRESS: at 35.25% examples, 49436
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:43,624 : INFO : EPOCH 0 - PROGRESS: at 36.15% examples, 49510

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:44,978 : INFO : EPOCH 0 - PROGRESS: at 36.86% examples, 49397
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:46,004 : INFO : EPOCH 0 - PROGRESS: at 37.33% examples, 49340
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:47,079 : INFO : EPOCH 0 - PROGRESS: at 38.00% examples, 49364
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:48,117 : INFO : EPOCH 0 - PROGRESS: at 38.69% examples, 49423
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:49,120 : INFO : EPOCH 0 - PROGRESS: at 39.33% examples, 49391
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:50,275 : INFO : EPOCH 0 - PROGRESS: at 39.96% examples, 49357
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:51,327 : INFO : EPOCH 0 - PROGRESS: at 40.78% examples, 49404
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:52,364 : INFO : EPOCH 0 - PROGRESS: at 41.48% examples, 49335
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:53,392 : INFO : EPOCH 0 - PROGRESS: at 42.12% examples, 49390
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:54,438 : INFO : EPOCH 0 - PROGRESS: at 42.55% examples, 49311
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:55,497 : INFO : EPOCH 0 - PROGRESS: at 43.10% examples, 49339
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:56,603 : INFO : EPOCH 0 - PROGRESS: at 43.78% examples, 49235
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:57,762 : INFO : EPOCH 0 - PROGRESS: at 44.83% examples, 49300
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:02:58,915 : INFO : EPOCH 0 - PROGRESS: at 45.59% examples, 49160
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:02:59,935 : INFO : EPOCH 0 - PROGRESS: at 46.38% examples, 49222
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:01,029 : INFO : EPOCH 0 - PROGRESS: at 46.92% examples, 49128
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:02,155 : INFO : EPOCH 0 - PROGRESS: at 47.44% examples, 49016
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:03,200 : INFO : EPOCH 0 - PROGRESS: at 48.01% examples, 48967
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:04,356 : INFO : EPOCH 0 - PROGRESS: at 48.61% examples, 48928
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:05,530 : INFO : EPOCH 0 - PROGRESS: at 49.51% examples, 48970
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:03:06,710 : INFO : EPOCH 0 - PROGRESS: at 50.37% examples, 49016
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:03:07,746 : INFO : EPOCH 0 - PROGRESS: at 51.19% examples, 49063
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:08,873 : INFO : EPOCH 0 - PROGRESS: at 51.78% examples, 48966
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:10,070 : INFO : EPOCH 0 - PROGRESS: at 52.79% examples, 48993

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:11,244 : INFO : EPOCH 0 - PROGRESS: at 53.79% examples, 49040
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:12,416 : INFO : EPOCH 0 - PROGRESS: at 54.79% examples, 49089
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:03:13,671 : INFO : EPOCH 0 - PROGRESS: at 55.61% examples, 49093
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:14,923 : INFO : EPOCH 0 - PROGRESS: at 56.32% examples, 49090
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:16,116 : INFO : EPOCH 0 - PROGRESS: at 57.27% examples, 49127
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:17,197 : INFO : EPOCH 0 - PROGRESS: at 58.22% examples, 49226
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:18,440 : INFO : EPOCH 0 - PROGRESS: at 59.20% examples, 49234
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:19,730 : INFO : EPOCH 0 - PROGRESS: at 59.86% examples, 49200
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:20,759 : INFO : EPOCH 0 - PROGRESS: at 60.36% examples, 49254
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:21,891 : INFO : EPOCH 0 - PROGRESS: at 60.80% examples, 49171
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:23,021 : INFO : EPOCH 0 - PROGRESS: at 61.28% examples, 49165
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:24,048 : INFO : EPOCH 0 - PROGRESS: at 61.66% examples, 49064
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:25,224 : INFO : EPOCH 0 - PROGRESS: at 62.14% examples, 48965
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:26,248 : INFO : EPOCH 0 - PROGRESS: at 62.95% examples, 49017
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:27,476 : INFO : EPOCH 0 - PROGRESS: at 63.86% examples, 49028
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:28,561 : INFO : EPOCH 0 - PROGRESS: at 64.53% examples, 49038
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:29,710 : INFO : EPOCH 0 - PROGRESS: at 65.09% examples, 48950
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:30,757 : INFO : EPOCH 0 - PROGRESS: at 65.77% examples, 48981
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:31,759 : INFO : EPOCH 0 - PROGRESS: at 66.36% examples, 48963
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:32,973 : INFO : EPOCH 0 - PROGRESS: at 67.23% examples, 48973
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:34,128 : INFO : EPOCH 0 - PROGRESS: at 68.27% examples, 49018
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:35,360 : INFO : EPOCH 0 - PROGRESS: at 69.14% examples, 49025
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:36,466 : INFO : EPOCH 0 - PROGRESS: at 69.81% examples, 48967
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:37,615 : INFO : EPOCH 0 - PROGRESS: at 70.57% examples, 48958

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:39,060 : INFO : EPOCH 0 - PROGRESS: at 71.19% examples, 48881
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:40,348 : INFO : EPOCH 0 - PROGRESS: at 71.75% examples, 48876
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:41,622 : INFO : EPOCH 0 - PROGRESS: at 72.35% examples, 48871
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:42,851 : INFO : EPOCH 0 - PROGRESS: at 73.24% examples, 48891
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:44,133 : INFO : EPOCH 0 - PROGRESS: at 73.90% examples, 48874
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:45,325 : INFO : EPOCH 0 - PROGRESS: at 74.78% examples, 48901
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:46,499 : INFO : EPOCH 0 - PROGRESS: at 75.58% examples, 48935
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:47,623 : INFO : EPOCH 0 - PROGRESS: at 76.63% examples, 48996
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:48,754 : INFO : EPOCH 0 - PROGRESS: at 77.66% examples, 49046
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:49,778 : INFO : EPOCH 0 - PROGRESS: at 78.33% examples, 49023
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:50,950 : INFO : EPOCH 0 - PROGRESS: at 79.04% examples, 48998
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:52,152 : INFO : EPOCH 0 - PROGRESS: at 79.93% examples, 49017
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:03:53,413 : INFO : EPOCH 0 - PROGRESS: at 80.72% examples, 49016
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:54,624 : INFO : EPOCH 0 - PROGRESS: at 81.48% examples, 49025
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:55,794 : INFO : EPOCH 0 - PROGRESS: at 82.36% examples, 49057
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:57,110 : INFO : EPOCH 0 - PROGRESS: at 82.96% examples, 49029
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:58,308 : INFO : EPOCH 0 - PROGRESS: at 83.69% examples, 49042
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:03:59,487 : INFO : EPOCH 0 - PROGRESS: at 84.57% examples, 49067
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:00,707 : INFO : EPOCH 0 - PROGRESS: at 85.45% examples, 49075
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:02,006 : INFO : EPOCH 0 - PROGRESS: at 86.07% examples, 49057
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:03,026 : INFO : EPOCH 0 - PROGRESS: at 86.62% examples, 49095
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:04,157 : INFO : EPOCH 0 - PROGRESS: at 87.18% examples, 49040
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:05,404 : INFO : EPOCH 0 - PROGRESS: at 88.07% examples, 49045
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:06,435 : INFO : EPOCH 0 - PROGRESS: at 88.65% examples, 49069

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:07,483 : INFO : EPOCH 0 - PROGRESS: at 89.54% examples, 49095
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:08,585 : INFO : EPOCH 0 - PROGRESS: at 90.33% examples, 49096
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:09,861 : INFO : EPOCH 0 - PROGRESS: at 91.24% examples, 49081
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:11,152 : INFO : EPOCH 0 - PROGRESS: at 92.26% examples, 49065
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:12,267 : INFO : EPOCH 0 - PROGRESS: at 93.13% examples, 49108
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:13,431 : INFO : EPOCH 0 - PROGRESS: at 94.01% examples, 49136
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:04:14,659 : INFO : EPOCH 0 - PROGRESS: at 94.83% examples, 49146
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:04:15,879 : INFO : EPOCH 0 - PROGRESS: at 95.72% examples, 49151
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:17,074 : INFO : EPOCH 0 - PROGRESS: at 96.70% examples, 49166
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:18,086 : INFO : EPOCH 0 - PROGRESS: at 97.76% examples, 49246
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:19,255 : INFO : EPOCH 0 - PROGRESS: at 98.71% examples, 49271
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:20,498 : INFO : EPOCH 0 - PROGRESS: at 99.59% examples, 49270
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:20,918 : INFO : EPOCH 0: training on 10766283 raw words
(7342424 effective words) took 148.8s, 49344 effective words/s
2023-11-07 18:04:22,129 : INFO : EPOCH 1 - PROGRESS: at 0.84% examples, 39620
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:23,195 : INFO : EPOCH 1 - PROGRESS: at 1.80% examples, 47928
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:24,331 : INFO : EPOCH 1 - PROGRESS: at 2.58% examples, 49964
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:25,393 : INFO : EPOCH 1 - PROGRESS: at 3.49% examples, 50235
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:26,419 : INFO : EPOCH 1 - PROGRESS: at 4.32% examples, 50777
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:27,623 : INFO : EPOCH 1 - PROGRESS: at 4.73% examples, 48753
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:28,658 : INFO : EPOCH 1 - PROGRESS: at 5.16% examples, 48394
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:29,739 : INFO : EPOCH 1 - PROGRESS: at 5.87% examples, 48582
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:30,755 : INFO : EPOCH 1 - PROGRESS: at 6.49% examples, 49097
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:31,919 : INFO : EPOCH 1 - PROGRESS: at 7.15% examples, 48270
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:32,922 : INFO : EPOCH 1 - PROGRESS: at 7.89% examples, 48749

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:34,096 : INFO : EPOCH 1 - PROGRESS: at 8.71% examples, 48498
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:35,221 : INFO : EPOCH 1 - PROGRESS: at 9.43% examples, 48492
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:36,333 : INFO : EPOCH 1 - PROGRESS: at 10.30% examples, 48982
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:37,342 : INFO : EPOCH 1 - PROGRESS: at 11.04% examples, 48911
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:38,542 : INFO : EPOCH 1 - PROGRESS: at 11.94% examples, 49068
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:39,684 : INFO : EPOCH 1 - PROGRESS: at 12.98% examples, 49368
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:40,791 : INFO : EPOCH 1 - PROGRESS: at 13.95% examples, 49719
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:41,972 : INFO : EPOCH 1 - PROGRESS: at 14.95% examples, 49845
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:43,050 : INFO : EPOCH 1 - PROGRESS: at 15.81% examples, 49880
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:44,121 : INFO : EPOCH 1 - PROGRESS: at 16.52% examples, 49610
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:45,170 : INFO : EPOCH 1 - PROGRESS: at 17.31% examples, 49708
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:46,182 : INFO : EPOCH 1 - PROGRESS: at 17.91% examples, 49605
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:47,241 : INFO : EPOCH 1 - PROGRESS: at 18.57% examples, 49696
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:48,244 : INFO : EPOCH 1 - PROGRESS: at 19.39% examples, 49877
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:49,253 : INFO : EPOCH 1 - PROGRESS: at 20.25% examples, 49780
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:50,435 : INFO : EPOCH 1 - PROGRESS: at 21.24% examples, 49886
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:51,618 : INFO : EPOCH 1 - PROGRESS: at 22.18% examples, 49981
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:52,808 : INFO : EPOCH 1 - PROGRESS: at 23.03% examples, 50057
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:53,819 : INFO : EPOCH 1 - PROGRESS: at 23.66% examples, 49969
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:54,854 : INFO : EPOCH 1 - PROGRESS: at 24.43% examples, 50041
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:55,871 : INFO : EPOCH 1 - PROGRESS: at 25.12% examples, 50139
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:04:57,002 : INFO : EPOCH 1 - PROGRESS: at 25.71% examples, 49885
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:58,288 : INFO : EPOCH 1 - PROGRESS: at 26.53% examples, 49816
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:04:59,479 : INFO : EPOCH 1 - PROGRESS: at 27.30% examples, 49859


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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:00,656 : INFO : EPOCH 1 - PROGRESS: at 28.20% examples, 49924
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:01,930 : INFO : EPOCH 1 - PROGRESS: at 29.18% examples, 49870
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:03,106 : INFO : EPOCH 1 - PROGRESS: at 30.07% examples, 49943
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:04,245 : INFO : EPOCH 1 - PROGRESS: at 30.67% examples, 49873
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:05,425 : INFO : EPOCH 1 - PROGRESS: at 31.24% examples, 49617
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:06,531 : INFO : EPOCH 1 - PROGRESS: at 32.31% examples, 49763
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:07,575 : INFO : EPOCH 1 - PROGRESS: at 32.76% examples, 49687
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:08,607 : INFO : EPOCH 1 - PROGRESS: at 33.20% examples, 49611
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:09,657 : INFO : EPOCH 1 - PROGRESS: at 34.00% examples, 49669
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:10,675 : INFO : EPOCH 1 - PROGRESS: at 35.01% examples, 49756
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:11,694 : INFO : EPOCH 1 - PROGRESS: at 35.87% examples, 49828
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:12,820 : INFO : EPOCH 1 - PROGRESS: at 36.51% examples, 49660
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:13,937 : INFO : EPOCH 1 - PROGRESS: at 36.92% examples, 49392
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:15,009 : INFO : EPOCH 1 - PROGRESS: at 37.33% examples, 49162
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:16,142 : INFO : EPOCH 1 - PROGRESS: at 37.91% examples, 49012
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:17,225 : INFO : EPOCH 1 - PROGRESS: at 38.52% examples, 48916
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:18,295 : INFO : EPOCH 1 - PROGRESS: at 39.16% examples, 48835
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:19,426 : INFO : EPOCH 1 - PROGRESS: at 39.62% examples, 48592
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:20,696 : INFO : EPOCH 1 - PROGRESS: at 40.20% examples, 48369
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:21,948 : INFO : EPOCH 1 - PROGRESS: at 41.16% examples, 48374
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:23,203 : INFO : EPOCH 1 - PROGRESS: at 41.97% examples, 48374
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:24,257 : INFO : EPOCH 1 - PROGRESS: at 42.49% examples, 48416
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:25,271 : INFO : EPOCH 1 - PROGRESS: at 42.88% examples, 48282
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:26,635 : INFO : EPOCH 1 - PROGRESS: at 43.53% examples, 48007

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:28,023 : INFO : EPOCH 1 - PROGRESS: at 44.51% examples, 47926
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:29,296 : INFO : EPOCH 1 - PROGRESS: at 45.48% examples, 47930
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:30,611 : INFO : EPOCH 1 - PROGRESS: at 46.38% examples, 47901
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:31,881 : INFO : EPOCH 1 - PROGRESS: at 47.06% examples, 47901
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:33,107 : INFO : EPOCH 1 - PROGRESS: at 47.76% examples, 47937
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:34,331 : INFO : EPOCH 1 - PROGRESS: at 48.47% examples, 47967
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:35,470 : INFO : EPOCH 1 - PROGRESS: at 49.32% examples, 48047
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:36,701 : INFO : EPOCH 1 - PROGRESS: at 50.18% examples, 48069
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:37,879 : INFO : EPOCH 1 - PROGRESS: at 51.10% examples, 48128
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:39,235 : INFO : EPOCH 1 - PROGRESS: at 51.92% examples, 48080
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:40,370 : INFO : EPOCH 1 - PROGRESS: at 52.90% examples, 48159
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:41,552 : INFO : EPOCH 1 - PROGRESS: at 53.89% examples, 48214
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:42,749 : INFO : EPOCH 1 - PROGRESS: at 54.89% examples, 48260
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:44,130 : INFO : EPOCH 1 - PROGRESS: at 55.69% examples, 48202
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:45,142 : INFO : EPOCH 1 - PROGRESS: at 56.32% examples, 48271
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:46,240 : INFO : EPOCH 1 - PROGRESS: at 57.03% examples, 48212
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:47,428 : INFO : EPOCH 1 - PROGRESS: at 58.01% examples, 48264
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:48,606 : INFO : EPOCH 1 - PROGRESS: at 59.00% examples, 48325
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:49,821 : INFO : EPOCH 1 - PROGRESS: at 59.74% examples, 48345
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:50,922 : INFO : EPOCH 1 - PROGRESS: at 60.16% examples, 48288
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:52,019 : INFO : EPOCH 1 - PROGRESS: at 60.61% examples, 48238
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:53,148 : INFO : EPOCH 1 - PROGRESS: at 61.05% examples, 48175
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:54,329 : INFO : EPOCH 1 - PROGRESS: at 61.53% examples, 48150
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:55,457 : INFO : EPOCH 1 - PROGRESS: at 61.97% examples, 48092

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:56,500 : INFO : EPOCH 1 - PROGRESS: at 62.76% examples, 48143
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:57,547 : INFO : EPOCH 1 - PROGRESS: at 63.46% examples, 48115
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:05:58,807 : INFO : EPOCH 1 - PROGRESS: at 64.34% examples, 48120
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:00,105 : INFO : EPOCH 1 - PROGRESS: at 65.02% examples, 48107
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:01,121 : INFO : EPOCH 1 - PROGRESS: at 65.66% examples, 48161
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:02,333 : INFO : EPOCH 1 - PROGRESS: at 66.30% examples, 48053
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:03,422 : INFO : EPOCH 1 - PROGRESS: at 67.12% examples, 48130
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:04,466 : INFO : EPOCH 1 - PROGRESS: at 68.06% examples, 48171
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:05,538 : INFO : EPOCH 1 - PROGRESS: at 68.85% examples, 48197
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:06,539 : INFO : EPOCH 1 - PROGRESS: at 69.62% examples, 48258
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:07,571 : INFO : EPOCH 1 - PROGRESS: at 70.30% examples, 48243
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:08,605 : INFO : EPOCH 1 - PROGRESS: at 70.95% examples, 48295
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:09,871 : INFO : EPOCH 1 - PROGRESS: at 71.37% examples, 48181
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:11,219 : INFO : EPOCH 1 - PROGRESS: at 71.93% examples, 48155
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:12,426 : INFO : EPOCH 1 - PROGRESS: at 72.60% examples, 48189
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:13,608 : INFO : EPOCH 1 - PROGRESS: at 73.47% examples, 48232
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:14,651 : INFO : EPOCH 1 - PROGRESS: at 73.98% examples, 48205
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:15,797 : INFO : EPOCH 1 - PROGRESS: at 74.78% examples, 48198
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:17,028 : INFO : EPOCH 1 - PROGRESS: at 75.58% examples, 48214
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:18,239 : INFO : EPOCH 1 - PROGRESS: at 76.63% examples, 48245
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:19,252 : INFO : EPOCH 1 - PROGRESS: at 77.50% examples, 48293
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:20,467 : INFO : EPOCH 1 - PROGRESS: at 78.41% examples, 48310
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:21,470 : INFO : EPOCH 1 - PROGRESS: at 79.14% examples, 48359
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:22,481 : INFO : EPOCH 1 - PROGRESS: at 79.85% examples, 48347

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:23,502 : INFO : EPOCH 1 - PROGRESS: at 80.45% examples, 48335
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:24,551 : INFO : EPOCH 1 - PROGRESS: at 81.13% examples, 48365
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:25,746 : INFO : EPOCH 1 - PROGRESS: at 81.96% examples, 48388
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:26,766 : INFO : EPOCH 1 - PROGRESS: at 82.64% examples, 48426
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:27,771 : INFO : EPOCH 1 - PROGRESS: at 83.02% examples, 48365
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:29,008 : INFO : EPOCH 1 - PROGRESS: at 83.62% examples, 48265
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:30,027 : INFO : EPOCH 1 - PROGRESS: at 84.34% examples, 48306
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:31,059 : INFO : EPOCH 1 - PROGRESS: at 85.19% examples, 48285
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:32,096 : INFO : EPOCH 1 - PROGRESS: at 85.64% examples, 48262
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:33,136 : INFO : EPOCH 1 - PROGRESS: at 86.13% examples, 48249
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:34,329 : INFO : EPOCH 1 - PROGRESS: at 86.62% examples, 48177
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:35,343 : INFO : EPOCH 1 - PROGRESS: at 87.18% examples, 48173
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:36,488 : INFO : EPOCH 1 - PROGRESS: at 87.95% examples, 48171
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:37,759 : INFO : EPOCH 1 - PROGRESS: at 88.65% examples, 48168
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:39,124 : INFO : EPOCH 1 - PROGRESS: at 89.67% examples, 48138
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:40,401 : INFO : EPOCH 1 - PROGRESS: at 90.51% examples, 48135
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:41,503 : INFO : EPOCH 1 - PROGRESS: at 91.47% examples, 48187
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:42,771 : INFO : EPOCH 1 - PROGRESS: at 92.44% examples, 48184
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:44,001 : INFO : EPOCH 1 - PROGRESS: at 93.31% examples, 48196
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:45,020 : INFO : EPOCH 1 - PROGRESS: at 94.11% examples, 48234
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:46,046 : INFO : EPOCH 1 - PROGRESS: at 94.64% examples, 48176
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:47,226 : INFO : EPOCH 1 - PROGRESS: at 95.49% examples, 48160
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:48,367 : INFO : EPOCH 1 - PROGRESS: at 96.37% examples, 48199
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:49,471 : INFO : EPOCH 1 - PROGRESS: at 97.39% examples, 48252

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:50,478 : INFO : EPOCH 1 - PROGRESS: at 98.20% examples, 48246
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:51,616 : INFO : EPOCH 1 - PROGRESS: at 98.86% examples, 48197
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:52,652 : INFO : EPOCH 1 - PROGRESS: at 99.47% examples, 48136
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:53,346 : INFO : EPOCH 1: training on 10766283 raw words
(7341967 effective words) took 152.4s, 48170 effective words/s
2023-11-07 18:06:54,441 : INFO : EPOCH 2 - PROGRESS: at 0.84% examples, 43910
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:55,533 : INFO : EPOCH 2 - PROGRESS: at 1.64% examples, 43626
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:56,615 : INFO : EPOCH 2 - PROGRESS: at 2.10% examples, 41622
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:57,629 : INFO : EPOCH 2 - PROGRESS: at 2.78% examples, 43004
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:06:58,632 : INFO : EPOCH 2 - PROGRESS: at 3.63% examples, 43800
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:06:59,646 : INFO : EPOCH 2 - PROGRESS: at 4.26% examples, 43275
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:07:00,740 : INFO : EPOCH 2 - PROGRESS: at 4.60% examples, 42334
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:01,873 : INFO : EPOCH 2 - PROGRESS: at 4.96% examples, 41520
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:03,155 : INFO : EPOCH 2 - PROGRESS: at 5.55% examples, 40934
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:04,276 : INFO : EPOCH 2 - PROGRESS: at 6.18% examples, 41678
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:05,619 : INFO : EPOCH 2 - PROGRESS: at 6.78% examples, 41007
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:06,833 : INFO : EPOCH 2 - PROGRESS: at 7.49% examples, 41359
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:07:08,052 : INFO : EPOCH 2 - PROGRESS: at 8.20% examples, 41146
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:09,208 : INFO : EPOCH 2 - PROGRESS: at 8.98% examples, 41574
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:10,404 : INFO : EPOCH 2 - PROGRESS: at 9.65% examples, 41455
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:11,669 : INFO : EPOCH 2 - PROGRESS: at 10.40% examples, 41565
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:12,715 : INFO : EPOCH 2 - PROGRESS: at 11.04% examples, 41466
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:13,723 : INFO : EPOCH 2 - PROGRESS: at 11.56% examples, 41427
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:15,021 : INFO : EPOCH 2 - PROGRESS: at 12.60% examples, 41794
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:16,443 : INFO : EPOCH 2 - PROGRESS: at 13.66% examples, 41886

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:17,746 : INFO : EPOCH 2 - PROGRESS: at 14.61% examples, 42159
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:19,050 : INFO : EPOCH 2 - PROGRESS: at 15.63% examples, 42401
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:20,317 : INFO : EPOCH 2 - PROGRESS: at 16.52% examples, 42668
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:21,559 : INFO : EPOCH 2 - PROGRESS: at 17.45% examples, 42960
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:22,576 : INFO : EPOCH 2 - PROGRESS: at 17.91% examples, 42866
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:23,597 : INFO : EPOCH 2 - PROGRESS: at 18.44% examples, 43009
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:24,707 : INFO : EPOCH 2 - PROGRESS: at 19.21% examples, 43011
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:25,737 : INFO : EPOCH 2 - PROGRESS: at 19.86% examples, 42916
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:26,975 : INFO : EPOCH 2 - PROGRESS: at 20.71% examples, 42752
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:28,089 : INFO : EPOCH 2 - PROGRESS: at 21.35% examples, 42587
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:29,109 : INFO : EPOCH 2 - PROGRESS: at 21.96% examples, 42522
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:30,111 : INFO : EPOCH 2 - PROGRESS: at 22.56% examples, 42480
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:31,242 : INFO : EPOCH 2 - PROGRESS: at 23.30% examples, 42667
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:32,467 : INFO : EPOCH 2 - PROGRESS: at 23.92% examples, 42542
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:33,510 : INFO : EPOCH 2 - PROGRESS: at 24.71% examples, 42789
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:34,663 : INFO : EPOCH 2 - PROGRESS: at 25.28% examples, 42746
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:07:35,788 : INFO : EPOCH 2 - PROGRESS: at 25.78% examples, 42575
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:36,800 : INFO : EPOCH 2 - PROGRESS: at 26.46% examples, 42686
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:37,963 : INFO : EPOCH 2 - PROGRESS: at 26.95% examples, 42630
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:39,115 : INFO : EPOCH 2 - PROGRESS: at 27.70% examples, 42601
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:40,387 : INFO : EPOCH 2 - PROGRESS: at 28.69% examples, 42750
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:41,447 : INFO : EPOCH 2 - PROGRESS: at 29.35% examples, 42799
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:42,502 : INFO : EPOCH 2 - PROGRESS: at 30.07% examples, 42858
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:43,635 : INFO : EPOCH 2 - PROGRESS: at 30.60% examples, 42829

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:44,832 : INFO : EPOCH 2 - PROGRESS: at 31.13% examples, 42749
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:46,154 : INFO : EPOCH 2 - PROGRESS: at 32.21% examples, 42846
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:07:47,266 : INFO : EPOCH 2 - PROGRESS: at 32.76% examples, 42989
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:48,328 : INFO : EPOCH 2 - PROGRESS: at 33.14% examples, 42905
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:49,598 : INFO : EPOCH 2 - PROGRESS: at 33.77% examples, 42787
words/s, in_qsize 4, out_qsize 1
2023-11-07 18:07:50,770 : INFO : EPOCH 2 - PROGRESS: at 34.87% examples, 42991
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:52,951 : INFO : EPOCH 2 - PROGRESS: at 36.45% examples, 43128
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:07:55,093 : INFO : EPOCH 2 - PROGRESS: at 37.33% examples, 43066
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:56,319 : INFO : EPOCH 2 - PROGRESS: at 38.00% examples, 43089
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:07:58,573 : INFO : EPOCH 2 - PROGRESS: at 39.24% examples, 43066
words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:08:00,718 : INFO : EPOCH 2 - PROGRESS: at 40.61% examples, 43219
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:08:04,206 : INFO : EPOCH 2 - PROGRESS: at 42.68% examples, 43559
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:08:05,389 : INFO : EPOCH 2 - PROGRESS: at 43.21% examples, 43501
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:08:07,908 : INFO : EPOCH 2 - PROGRESS: at 45.11% examples, 43672
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:08:38,478 : INFO : EPOCH 2 - PROGRESS: at 64.46% examples, 44929

words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 1
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:04,655 : INFO : EPOCH 2 - PROGRESS: at 81.48% examples, 45739
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:05,830 : INFO : EPOCH 2 - PROGRESS: at 82.36% examples, 45796

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:07,131 : INFO : EPOCH 2 - PROGRESS: at 82.95% examples, 45806
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:13,087 : INFO : EPOCH 2 - PROGRESS: at 86.56% examples, 45944
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:15,593 : INFO : EPOCH 2 - PROGRESS: at 88.07% examples, 45960
words/s, in_qsize 4, out_qsize 1
2023-11-07 18:09:16,849 : INFO : EPOCH 2 - PROGRESS: at 88.74% examples, 45981
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:27,992 : INFO : EPOCH 2 - PROGRESS: at 97.39% examples, 46352
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 2, out_qsize 1
2023-11-07 18:09:31,306 : INFO : EPOCH 2: training on 10766283 raw words
(7342053 effective words) took 157.9s, 46484 effective words/s
2023-11-07 18:09:32,497 : INFO : EPOCH 3 - PROGRESS: at 0.84% examples, 40412

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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:34,956 : INFO : EPOCH 3 - PROGRESS: at 2.60% examples, 46717
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:37,489 : INFO : EPOCH 3 - PROGRESS: at 4.43% examples, 47360
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:38,835 : INFO : EPOCH 3 - PROGRESS: at 4.96% examples, 47070
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:40,155 : INFO : EPOCH 3 - PROGRESS: at 5.70% examples, 46938
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:41,494 : INFO : EPOCH 3 - PROGRESS: at 6.41% examples, 46754
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:42,786 : INFO : EPOCH 3 - PROGRESS: at 7.24% examples, 46865
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:48,685 : INFO : EPOCH 3 - PROGRESS: at 11.32% examples, 47436
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:09:52,251 : INFO : EPOCH 3 - PROGRESS: at 14.30% examples, 48171
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:55,826 : INFO : EPOCH 3 - PROGRESS: at 17.11% examples, 48626
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:58,426 : INFO : EPOCH 3 - PROGRESS: at 18.67% examples, 48498
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:09:59,617 : INFO : EPOCH 3 - PROGRESS: at 19.58% examples, 48645
words/s, in_qsize 4, out_qsize 1
2023-11-07 18:10:00,777 : INFO : EPOCH 3 - PROGRESS: at 20.71% examples, 48802
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:10:02,007 : INFO : EPOCH 3 - PROGRESS: at 21.69% examples, 48884

words/s, in_qsize 6, out_qsize 0
2023-11-07 18:10:03,206 : INFO : EPOCH 3 - PROGRESS: at 22.56% examples, 48979
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:04,546 : INFO : EPOCH 3 - PROGRESS: at 23.38% examples, 48875
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:10,511 : INFO : EPOCH 3 - PROGRESS: at 27.09% examples, 48724
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:11,749 : INFO : EPOCH 3 - PROGRESS: at 27.99% examples, 48751
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:12,934 : INFO : EPOCH 3 - PROGRESS: at 28.99% examples, 48831
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:15,155 : INFO : EPOCH 3 - PROGRESS: at 30.46% examples, 48835
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:17,477 : INFO : EPOCH 3 - PROGRESS: at 32.08% examples, 48883
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:19,646 : INFO : EPOCH 3 - PROGRESS: at 33.14% examples, 48823
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:20,776 : INFO : EPOCH 3 - PROGRESS: at 34.00% examples, 48947
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:21,812 : INFO : EPOCH 3 - PROGRESS: at 35.01% examples, 49032
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:22,817 : INFO : EPOCH 3 - PROGRESS: at 35.76% examples, 48999
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:23,866 : INFO : EPOCH 3 - PROGRESS: at 36.51% examples, 49053
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:24,998 : INFO : EPOCH 3 - PROGRESS: at 36.99% examples, 48913
words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:27,057 : INFO : EPOCH 3 - PROGRESS: at 38.17% examples, 48930
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:29,229 : INFO : EPOCH 3 - PROGRESS: at 39.40% examples, 48743

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:30,266 : INFO : EPOCH 3 - PROGRESS: at 39.96% examples, 48701
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:31,480 : INFO : EPOCH 3 - PROGRESS: at 40.86% examples, 48739
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:32,591 : INFO : EPOCH 3 - PROGRESS: at 41.66% examples, 48739
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:33,967 : INFO : EPOCH 3 - PROGRESS: at 42.18% examples, 48427
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:34,988 : INFO : EPOCH 3 - PROGRESS: at 42.68% examples, 48492
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:39,811 : INFO : EPOCH 3 - PROGRESS: at 46.04% examples, 48351
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:40,931 : INFO : EPOCH 3 - PROGRESS: at 46.62% examples, 48258
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:41,966 : INFO : EPOCH 3 - PROGRESS: at 47.21% examples, 48317
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:43,171 : INFO : EPOCH 3 - PROGRESS: at 47.76% examples, 48167
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:44,255 : INFO : EPOCH 3 - PROGRESS: at 48.40% examples, 48195
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:46,573 : INFO : EPOCH 3 - PROGRESS: at 49.89% examples, 48144
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:47,741 : INFO : EPOCH 3 - PROGRESS: at 50.78% examples, 48210
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:48,784 : INFO : EPOCH 3 - PROGRESS: at 51.51% examples, 48265
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:49,789 : INFO : EPOCH 3 - PROGRESS: at 52.28% examples, 48252
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:51,064 : INFO : EPOCH 3 - PROGRESS: at 53.20% examples, 48245
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:52,241 : INFO : EPOCH 3 - PROGRESS: at 54.21% examples, 48300
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:56,650 : INFO : EPOCH 3 - PROGRESS: at 57.26% examples, 48375

words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:10:59,774 : INFO : EPOCH 3 - PROGRESS: at 59.61% examples, 48439
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:14,923 : INFO : EPOCH 3 - PROGRESS: at 67.80% examples, 48017
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:17,012 : INFO : EPOCH 3 - PROGRESS: at 69.23% examples, 47968
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:18,173 : INFO : EPOCH 3 - PROGRESS: at 69.97% examples, 47964
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:21,564 : INFO : EPOCH 3 - PROGRESS: at 71.31% examples, 47556
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:22,611 : INFO : EPOCH 3 - PROGRESS: at 71.62% examples, 47421

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:23,698 : INFO : EPOCH 3 - PROGRESS: at 72.01% examples, 47330
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2023-11-07 18:11:24,742 : INFO : EPOCH 3 - PROGRESS: at 72.35% examples, 47197
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:27,108 : INFO : EPOCH 3 - PROGRESS: at 73.74% examples, 47174
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:29,555 : INFO : EPOCH 3 - PROGRESS: at 75.31% examples, 47180
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:30,927 : INFO : EPOCH 3 - PROGRESS: at 76.24% examples, 47151
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:31,955 : INFO : EPOCH 3 - PROGRESS: at 77.16% examples, 47207
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:33,018 : INFO : EPOCH 3 - PROGRESS: at 77.98% examples, 47185
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:11:34,103 : INFO : EPOCH 3 - PROGRESS: at 78.68% examples, 47209
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:11:43,164 : INFO : EPOCH 3 - PROGRESS: at 83.62% examples, 46898
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:50,521 : INFO : EPOCH 3 - PROGRESS: at 87.76% examples, 46822

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:51,964 : INFO : EPOCH 3 - PROGRESS: at 88.56% examples, 46779
words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:11:58,255 : INFO : EPOCH 3 - PROGRESS: at 93.13% examples, 46850
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 4, out_qsize 1
2023-11-07 18:12:01,761 : INFO : EPOCH 3 - PROGRESS: at 95.21% examples, 46711
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:04,833 : INFO : EPOCH 3 - PROGRESS: at 97.29% examples, 46656
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:06,011 : INFO : EPOCH 3 - PROGRESS: at 98.10% examples, 46610
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:07,084 : INFO : EPOCH 3 - PROGRESS: at 98.79% examples, 46594
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:08,097 : INFO : EPOCH 3 - PROGRESS: at 99.47% examples, 46596
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:08,969 : INFO : EPOCH 3: training on 10766283 raw words
(7344026 effective words) took 157.7s, 46583 effective words/s
2023-11-07 18:12:10,328 : INFO : EPOCH 4 - PROGRESS: at 0.84% examples, 35239
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:11,765 : INFO : EPOCH 4 - PROGRESS: at 1.80% examples, 38978
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:12,804 : INFO : EPOCH 4 - PROGRESS: at 2.29% examples, 38959
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:14,205 : INFO : EPOCH 4 - PROGRESS: at 3.29% examples, 40314
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:15,259 : INFO : EPOCH 4 - PROGRESS: at 4.00% examples, 40041
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:16,269 : INFO : EPOCH 4 - PROGRESS: at 4.38% examples, 39145
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:17,618 : INFO : EPOCH 4 - PROGRESS: at 4.78% examples, 38565
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:18,740 : INFO : EPOCH 4 - PROGRESS: at 5.25% examples, 38995

words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:12:34,138 : INFO : EPOCH 4 - PROGRESS: at 14.81% examples, 41401
words/s, in_qsize 6, out_qsize 0
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2023-11-07 18:12:36,285 : INFO : EPOCH 4 - PROGRESS: at 16.13% examples, 41136
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:39,991 : INFO : EPOCH 4 - PROGRESS: at 17.91% examples, 40384
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:12:57,906 : INFO : EPOCH 4 - PROGRESS: at 29.57% examples, 42355
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:00,055 : INFO : EPOCH 4 - PROGRESS: at 30.82% examples, 42558
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:13:02,168 : INFO : EPOCH 4 - PROGRESS: at 32.38% examples, 42799
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:13:03,190 : INFO : EPOCH 4 - PROGRESS: at 32.76% examples, 42755
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:04,362 : INFO : EPOCH 4 - PROGRESS: at 33.20% examples, 42715
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:05,570 : INFO : EPOCH 4 - PROGRESS: at 34.14% examples, 42896
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:08,015 : INFO : EPOCH 4 - PROGRESS: at 36.15% examples, 43203
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:14,326 : INFO : EPOCH 4 - PROGRESS: at 39.62% examples, 43514
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:15,345 : INFO : EPOCH 4 - PROGRESS: at 40.24% examples, 43573
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:17,840 : INFO : EPOCH 4 - PROGRESS: at 41.97% examples, 43765
words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:19,871 : INFO : EPOCH 4 - PROGRESS: at 42.88% examples, 43838
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:24,747 : INFO : EPOCH 4 - PROGRESS: at 46.40% examples, 44072
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:26,092 : INFO : EPOCH 4 - PROGRESS: at 47.06% examples, 44092
words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:31,015 : INFO : EPOCH 4 - PROGRESS: at 50.18% examples, 44417
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:32,193 : INFO : EPOCH 4 - PROGRESS: at 51.10% examples, 44526
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:13:33,516 : INFO : EPOCH 4 - PROGRESS: at 51.89% examples, 44559
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:34,752 : INFO : EPOCH 4 - PROGRESS: at 52.87% examples, 44623
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:35,968 : INFO : EPOCH 4 - PROGRESS: at 53.89% examples, 44706
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:37,207 : INFO : EPOCH 4 - PROGRESS: at 54.89% examples, 44775
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:38,584 : INFO : EPOCH 4 - PROGRESS: at 55.69% examples, 44779
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:39,640 : INFO : EPOCH 4 - PROGRESS: at 56.25% examples, 44783
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:40,671 : INFO : EPOCH 4 - PROGRESS: at 56.75% examples, 44653

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:41,872 : INFO : EPOCH 4 - PROGRESS: at 57.51% examples, 44592
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:42,900 : INFO : EPOCH 4 - PROGRESS: at 58.11% examples, 44541
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:44,024 : INFO : EPOCH 4 - PROGRESS: at 58.80% examples, 44451
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:45,178 : INFO : EPOCH 4 - PROGRESS: at 59.44% examples, 44412
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:46,350 : INFO : EPOCH 4 - PROGRESS: at 59.86% examples, 44293
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:47,412 : INFO : EPOCH 4 - PROGRESS: at 60.23% examples, 44235
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:48,451 : INFO : EPOCH 4 - PROGRESS: at 60.56% examples, 44123
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:49,611 : INFO : EPOCH 4 - PROGRESS: at 60.93% examples, 44026
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:50,682 : INFO : EPOCH 4 - PROGRESS: at 61.28% examples, 43967
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:51,807 : INFO : EPOCH 4 - PROGRESS: at 61.66% examples, 43888
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:53,018 : INFO : EPOCH 4 - PROGRESS: at 62.03% examples, 43777
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:13:54,036 : INFO : EPOCH 4 - PROGRESS: at 62.76% examples, 43813
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:55,336 : INFO : EPOCH 4 - PROGRESS: at 63.46% examples, 43726
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:13:56,390 : INFO : EPOCH 4 - PROGRESS: at 64.16% examples, 43738
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:57,530 : INFO : EPOCH 4 - PROGRESS: at 64.76% examples, 43776
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:13:58,905 : INFO : EPOCH 4 - PROGRESS: at 65.44% examples, 43784
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:00,254 : INFO : EPOCH 4 - PROGRESS: at 66.29% examples, 43802
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:01,255 : INFO : EPOCH 4 - PROGRESS: at 66.97% examples, 43890
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:02,381 : INFO : EPOCH 4 - PROGRESS: at 67.94% examples, 43935
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:03,487 : INFO : EPOCH 4 - PROGRESS: at 68.75% examples, 43984
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:04,502 : INFO : EPOCH 4 - PROGRESS: at 69.42% examples, 44013
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:05,617 : INFO : EPOCH 4 - PROGRESS: at 70.10% examples, 44007
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:06,869 : INFO : EPOCH 4 - PROGRESS: at 70.77% examples, 44009
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:07,908 : INFO : EPOCH 4 - PROGRESS: at 71.25% examples, 44032

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:08,998 : INFO : EPOCH 4 - PROGRESS: at 71.69% examples, 44038
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:10,329 : INFO : EPOCH 4 - PROGRESS: at 72.15% examples, 43950
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:11,441 : INFO : EPOCH 4 - PROGRESS: at 72.73% examples, 43947
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:12,502 : INFO : EPOCH 4 - PROGRESS: at 73.40% examples, 43959
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:13,665 : INFO : EPOCH 4 - PROGRESS: at 73.81% examples, 43871
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:14,802 : INFO : EPOCH 4 - PROGRESS: at 74.60% examples, 43908
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:16,015 : INFO : EPOCH 4 - PROGRESS: at 75.31% examples, 43919
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:17,080 : INFO : EPOCH 4 - PROGRESS: at 76.04% examples, 43925
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:18,308 : INFO : EPOCH 4 - PROGRESS: at 76.97% examples, 43937
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:19,476 : INFO : EPOCH 4 - PROGRESS: at 77.98% examples, 44012
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:20,507 : INFO : EPOCH 4 - PROGRESS: at 78.68% examples, 44079
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:21,523 : INFO : EPOCH 4 - PROGRESS: at 79.22% examples, 44048
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:23,013 : INFO : EPOCH 4 - PROGRESS: at 79.93% examples, 43913
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:24,032 : INFO : EPOCH 4 - PROGRESS: at 80.45% examples, 43887
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:25,093 : INFO : EPOCH 4 - PROGRESS: at 80.98% examples, 43845
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:26,108 : INFO : EPOCH 4 - PROGRESS: at 81.57% examples, 43862
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:27,133 : INFO : EPOCH 4 - PROGRESS: at 82.17% examples, 43832
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:28,212 : INFO : EPOCH 4 - PROGRESS: at 82.64% examples, 43783
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:29,238 : INFO : EPOCH 4 - PROGRESS: at 82.95% examples, 43707
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:30,326 : INFO : EPOCH 4 - PROGRESS: at 83.62% examples, 43749
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:31,395 : INFO : EPOCH 4 - PROGRESS: at 84.26% examples, 43754
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:32,582 : INFO : EPOCH 4 - PROGRESS: at 85.25% examples, 43816
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:33,994 : INFO : EPOCH 4 - PROGRESS: at 85.85% examples, 43809
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:35,001 : INFO : EPOCH 4 - PROGRESS: at 86.36% examples, 43837

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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:36,047 : INFO : EPOCH 4 - PROGRESS: at 86.73% examples, 43759
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:37,083 : INFO : EPOCH 4 - PROGRESS: at 87.18% examples, 43730
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:38,148 : INFO : EPOCH 4 - PROGRESS: at 87.95% examples, 43786
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:39,666 : INFO : EPOCH 4 - PROGRESS: at 88.56% examples, 43661
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:40,787 : INFO : EPOCH 4 - PROGRESS: at 89.30% examples, 43698
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:41,982 : INFO : EPOCH 4 - PROGRESS: at 90.08% examples, 43666
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:43,009 : INFO : EPOCH 4 - PROGRESS: at 90.71% examples, 43680
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:44,379 : INFO : EPOCH 4 - PROGRESS: at 91.58% examples, 43642
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:45,728 : INFO : EPOCH 4 - PROGRESS: at 92.55% examples, 43653
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:46,814 : INFO : EPOCH 4 - PROGRESS: at 93.21% examples, 43653
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:48,210 : INFO : EPOCH 4 - PROGRESS: at 94.01% examples, 43613
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:49,370 : INFO : EPOCH 4 - PROGRESS: at 94.58% examples, 43555
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:50,388 : INFO : EPOCH 4 - PROGRESS: at 95.32% examples, 43577
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:51,505 : INFO : EPOCH 4 - PROGRESS: at 95.72% examples, 43484
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:52,608 : INFO : EPOCH 4 - PROGRESS: at 96.37% examples, 43439
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:14:53,670 : INFO : EPOCH 4 - PROGRESS: at 97.29% examples, 43489
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:54,735 : INFO : EPOCH 4 - PROGRESS: at 98.10% examples, 43498
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:55,756 : INFO : EPOCH 4 - PROGRESS: at 98.71% examples, 43477
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:56,757 : INFO : EPOCH 4 - PROGRESS: at 99.47% examples, 43540
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:14:57,504 : INFO : EPOCH 4: training on 10766283 raw words
(7343541 effective words) took 168.5s, 43575 effective words/s
2023-11-07 18:14:57,505 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36714011 effective words) took 785.4s, 46746 effective
words/s', 'datetime': '2023-11-07T18:14:57.505508', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 18:14:57,506 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=1000, alpha=0.025>', 'datetime':

```

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'2023-11-07T18:14:57.506508', 'gensim': '4.2.0', 'python': '3.10.2  
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',  
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
```

70583

Threshold freq = 0.00055 Percentage of correct answers: 71.25%

```
2023-11-07 18:15:02,860 : INFO : collecting all words and their counts  
2023-11-07 18:15:02,862 : INFO : PROGRESS: at sentence #0, processed 0 words,  
keeping 0 word types  
2023-11-07 18:15:02,899 : INFO : PROGRESS: at sentence #10000, processed 112555  
words, keeping 6354 word types  
2023-11-07 18:15:02,932 : INFO : PROGRESS: at sentence #20000, processed 254983  
words, keeping 10821 word types  
2023-11-07 18:15:02,959 : INFO : PROGRESS: at sentence #30000, processed 367772  
words, keeping 12635 word types  
2023-11-07 18:15:03,004 : INFO : PROGRESS: at sentence #40000, processed 566573  
words, keeping 17685 word types  
2023-11-07 18:15:03,038 : INFO : PROGRESS: at sentence #50000, processed 724294  
words, keeping 20496 word types  
2023-11-07 18:15:03,075 : INFO : PROGRESS: at sentence #60000, processed 869309  
words, keeping 22253 word types  
2023-11-07 18:15:03,110 : INFO : PROGRESS: at sentence #70000, processed 1006992  
words, keeping 23483 word types  
2023-11-07 18:15:03,144 : INFO : PROGRESS: at sentence #80000, processed 1138953  
words, keeping 24604 word types  
2023-11-07 18:15:03,178 : INFO : PROGRESS: at sentence #90000, processed 1271320  
words, keeping 25783 word types  
2023-11-07 18:15:03,207 : INFO : PROGRESS: at sentence #100000, processed  
1381760 words, keeping 26648 word types  
2023-11-07 18:15:03,243 : INFO : PROGRESS: at sentence #110000, processed  
1513702 words, keeping 27511 word types  
2023-11-07 18:15:03,274 : INFO : PROGRESS: at sentence #120000, processed  
1631919 words, keeping 28085 word types  
2023-11-07 18:15:03,308 : INFO : PROGRESS: at sentence #130000, processed  
1765792 words, keeping 28818 word types  
2023-11-07 18:15:03,347 : INFO : PROGRESS: at sentence #140000, processed  
1923924 words, keeping 30297 word types  
2023-11-07 18:15:03,378 : INFO : PROGRESS: at sentence #150000, processed  
2044830 words, keeping 31192 word types  
2023-11-07 18:15:03,407 : INFO : PROGRESS: at sentence #160000, processed  
2160734 words, keeping 31656 word types  
2023-11-07 18:15:03,442 : INFO : PROGRESS: at sentence #170000, processed  
2293382 words, keeping 32392 word types  
2023-11-07 18:15:03,490 : INFO : PROGRESS: at sentence #180000, processed  
2439256 words, keeping 33343 word types  
2023-11-07 18:15:03,538 : INFO : PROGRESS: at sentence #190000, processed  
2585994 words, keeping 34347 word types  
2023-11-07 18:15:03,579 : INFO : PROGRESS: at sentence #200000, processed
```

2738528 words, keeping 35649 word types
2023-11-07 18:15:03,616 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types
2023-11-07 18:15:03,651 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 18:15:03,694 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 18:15:03,733 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 18:15:03,781 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 18:15:03,815 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 18:15:03,851 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 18:15:03,902 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 18:15:03,945 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 18:15:03,986 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 18:15:04,020 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 18:15:04,069 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 18:15:04,111 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 18:15:04,141 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 18:15:04,178 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 18:15:04,224 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 18:15:04,266 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 18:15:04,308 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 18:15:04,345 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 18:15:04,380 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 18:15:04,414 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 18:15:04,449 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 18:15:04,487 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 18:15:04,521 : INFO : PROGRESS: at sentence #440000, processed

6169325 words, keeping 52046 word types
2023-11-07 18:15:04,564 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types
2023-11-07 18:15:04,619 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 18:15:04,668 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 18:15:04,701 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 18:15:04,751 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 18:15:04,794 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 18:15:04,831 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 18:15:04,872 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 18:15:04,912 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 18:15:04,966 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 18:15:05,009 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 18:15:05,052 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 18:15:05,096 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 18:15:05,128 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 18:15:05,161 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 18:15:05,198 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 18:15:05,240 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 18:15:05,279 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 18:15:05,329 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 18:15:05,364 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 18:15:05,415 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 18:15:05,459 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types
2023-11-07 18:15:05,499 : INFO : PROGRESS: at sentence #670000, processed
9702648 words, keeping 67288 word types
2023-11-07 18:15:05,531 : INFO : PROGRESS: at sentence #680000, processed

9827973 words, keeping 67596 word types
 2023-11-07 18:15:05,572 : INFO : PROGRESS: at sentence #690000, processed
 9953739 words, keeping 67868 word types
 2023-11-07 18:15:05,607 : INFO : PROGRESS: at sentence #700000, processed
 10083832 words, keeping 68162 word types
 2023-11-07 18:15:05,645 : INFO : PROGRESS: at sentence #710000, processed
 10223733 words, keeping 68816 word types
 2023-11-07 18:15:05,682 : INFO : PROGRESS: at sentence #720000, processed
 10360488 words, keeping 69381 word types
 2023-11-07 18:15:05,716 : INFO : PROGRESS: at sentence #730000, processed
 10479153 words, keeping 69774 word types
 2023-11-07 18:15:05,750 : INFO : PROGRESS: at sentence #740000, processed
 10597851 words, keeping 70112 word types
 2023-11-07 18:15:05,793 : INFO : PROGRESS: at sentence #750000, processed
 10734438 words, keeping 70523 word types
 2023-11-07 18:15:05,804 : INFO : collected 70583 word types from a corpus of
 10766283 raw words and 752149 sentences
 2023-11-07 18:15:05,807 : INFO : Creating a fresh vocabulary
 2023-11-07 18:15:06,135 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
 drops 0)', 'datetime': '2023-11-07T18:15:06.135208', 'gensim': '4.2.0',
 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 18:15:06,136 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original
 10766283, drops 0)', 'datetime': '2023-11-07T18:15:06.136207', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 18:15:06,623 : INFO : deleting the raw counts dictionary of 70583
 items
 2023-11-07 18:15:06,629 : INFO : sample=0.00055 downsamples 87 most-common words
 2023-11-07 18:15:06,631 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
 leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
 'datetime': '2023-11-07T18:15:06.631233', 'gensim': '4.2.0', 'python': '3.10.2
 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 18:15:07,361 : INFO : estimated required memory for 70583 words and
 1000 dimensions: 599955500 bytes
 2023-11-07 18:15:07,363 : INFO : resetting layer weights
 2023-11-07 18:15:07,801 : INFO : Word2Vec lifecycle event {'update': False,
 'trim_rule': 'None', 'datetime': '2023-11-07T18:15:07.801451', 'gensim':
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 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
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 2023-11-07 18:15:07,803 : INFO : Word2Vec lifecycle event {'msg': 'training
 model with 3 workers on 70583 vocabulary and 1000 features, using sg=1 hs=0

```

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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 4, out_qsize 1

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2023-11-07 18:15:34,777 : INFO : EPOCH 0 - PROGRESS: at 17.00% examples, 43912 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:17:21,019 : INFO : EPOCH 0 - PROGRESS: at 86.13% examples, 47887 words/s, in_qsize 5, out_qsize 0
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 2023-11-07 18:17:37,598 : INFO : EPOCH 0: training on 10766283 raw words (7342344 effective words) took 149.8s, 49019 effective words/s
 2023-11-07 18:17:38,613 : INFO : EPOCH 1 - PROGRESS: at 0.93% examples, 54199 words/s, in_qsize 4, out_qsize 1
 2023-11-07 18:17:39,644 : INFO : EPOCH 1 - PROGRESS: at 1.96% examples, 59922 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:17:40,681 : INFO : EPOCH 1 - PROGRESS: at 2.58% examples, 55314 words/s, in_qsize 5, out_qsize 0
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 2023-11-07 18:17:42,697 : INFO : EPOCH 1 - PROGRESS: at 4.38% examples, 56105 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:17:54,223 : INFO : EPOCH 1 - PROGRESS: at 12.26% examples, 53264 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:17:55,357 : INFO : EPOCH 1 - PROGRESS: at 13.38% examples, 53320 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:18:03,247 : INFO : EPOCH 1 - PROGRESS: at 19.39% examples, 53140 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:18:06,356 : INFO : EPOCH 1 - PROGRESS: at 22.29% examples, 53611 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:19:48,647 : INFO : EPOCH 1 - PROGRESS: at 91.58% examples, 51758 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:19:55,851 : INFO : EPOCH 1 - PROGRESS: at 96.37% examples, 51419 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:20:01,236 : INFO : EPOCH 1 - PROGRESS: at 99.92% examples, 51084 words/s, in_qsize 1, out_qsize 1
2023-11-07 18:20:01,292 : INFO : EPOCH 1: training on 10766283 raw words (7343829 effective words) took 143.7s, 51112 effective words/s
2023-11-07 18:20:02,633 : INFO : EPOCH 2 - PROGRESS: at 0.81% examples, 35620 words/s, in_qsize 4, out_qsize 1
2023-11-07 18:20:04,014 : INFO : EPOCH 2 - PROGRESS: at 1.80% examples, 40012 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:20:05,058 : INFO : EPOCH 2 - PROGRESS: at 2.29% examples, 39684 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:20:06,060 : INFO : EPOCH 2 - PROGRESS: at 3.17% examples, 42820 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:20:08,196 : INFO : EPOCH 2 - PROGRESS: at 4.54% examples, 44289 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:20:23,860 : INFO : EPOCH 2 - PROGRESS: at 14.06% examples, 44063 words/s, in_qsize 5, out_qsize 0

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2023-11-07 18:20:46,430 : INFO : EPOCH 2 - PROGRESS: at 27.70% examples, 43189 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:20:47,527 : INFO : EPOCH 2 - PROGRESS: at 28.44% examples, 43194 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:20:48,606 : INFO : EPOCH 2 - PROGRESS: at 29.14% examples, 43215 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:21:39,446 : INFO : EPOCH 2 - PROGRESS: at 59.80% examples, 43854 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:21:53,279 : INFO : EPOCH 2 - PROGRESS: at 66.10% examples, 43332 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:02,228 : INFO : EPOCH 2 - PROGRESS: at 71.56% examples, 43575 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:03,282 : INFO : EPOCH 2 - PROGRESS: at 72.01% examples, 43592 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:07,833 : INFO : EPOCH 2 - PROGRESS: at 74.70% examples, 43698 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:12,389 : INFO : EPOCH 2 - PROGRESS: at 78.41% examples, 44051 words/s, in_qsize 5, out_qsize 0

2023-11-07 18:22:13,470 : INFO : EPOCH 2 - PROGRESS: at 79.22% examples, 44154 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:15,654 : INFO : EPOCH 2 - PROGRESS: at 80.90% examples, 44350 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:18,976 : INFO : EPOCH 2 - PROGRESS: at 82.83% examples, 44409 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:19,981 : INFO : EPOCH 2 - PROGRESS: at 83.43% examples, 44427 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:21,211 : INFO : EPOCH 2 - PROGRESS: at 84.19% examples, 44471 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:22:22,354 : INFO : EPOCH 2 - PROGRESS: at 85.19% examples, 44543 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:23,425 : INFO : EPOCH 2 - PROGRESS: at 85.64% examples, 44538 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:24,634 : INFO : EPOCH 2 - PROGRESS: at 86.21% examples, 44547 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:22:25,938 : INFO : EPOCH 2 - PROGRESS: at 86.90% examples, 44574 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:28,244 : INFO : EPOCH 2 - PROGRESS: at 88.24% examples, 44574 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:29,273 : INFO : EPOCH 2 - PROGRESS: at 88.74% examples, 44584 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:31,492 : INFO : EPOCH 2 - PROGRESS: at 90.51% examples, 44696 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:41,538 : INFO : EPOCH 2 - PROGRESS: at 98.42% examples, 45110 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:42,733 : INFO : EPOCH 2 - PROGRESS: at 99.24% examples, 45155 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:43,452 : INFO : EPOCH 2: training on 10766283 raw words (7341307 effective words) took 162.1s, 45275 effective words/s
2023-11-07 18:22:44,546 : INFO : EPOCH 3 - PROGRESS: at 0.81% examples, 43888 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:45,628 : INFO : EPOCH 3 - PROGRESS: at 1.80% examples, 50216 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:46,785 : INFO : EPOCH 3 - PROGRESS: at 2.58% examples, 51146 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:22:47,810 : INFO : EPOCH 3 - PROGRESS: at 3.76% examples, 54676 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:22:52,135 : INFO : EPOCH 3 - PROGRESS: at 6.11% examples, 51701 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:01,912 : INFO : EPOCH 3 - PROGRESS: at 13.76% examples, 52792 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:04,247 : INFO : EPOCH 3 - PROGRESS: at 15.63% examples, 52413 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:15,527 : INFO : EPOCH 3 - PROGRESS: at 24.53% examples, 53145 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:29,144 : INFO : EPOCH 3 - PROGRESS: at 33.77% examples, 52668 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:33,667 : INFO : EPOCH 3 - PROGRESS: at 37.19% examples, 52673 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:44,247 : INFO : EPOCH 3 - PROGRESS: at 44.09% examples, 52558 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:23:45,315 : INFO : EPOCH 3 - PROGRESS: at 45.13% examples, 52640 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:23:47,604 : INFO : EPOCH 3 - PROGRESS: at 46.84% examples, 52671 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:24:43,822 : INFO : EPOCH 3 - PROGRESS: at 85.45% examples, 52429 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:24:44,933 : INFO : EPOCH 3 - PROGRESS: at 86.00% examples, 52401 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:25:02,838 : INFO : EPOCH 3 - PROGRESS: at 99.34% examples, 52357 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:25:03,556 : INFO : EPOCH 3: training on 10766283 raw words (7342552 effective words) took 140.1s, 52412 effective words/s
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2023-11-07 18:25:07,945 : INFO : EPOCH 4 - PROGRESS: at 3.63% examples, 52871 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:25:09,206 : INFO : EPOCH 4 - PROGRESS: at 4.43% examples, 51880 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:25:10,421 : INFO : EPOCH 4 - PROGRESS: at 4.96% examples, 51654 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:25:14,042 : INFO : EPOCH 4 - PROGRESS: at 7.22% examples, 51366 words/s, in_qsize 6, out_qsize 0
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2023-11-07 18:25:42,159 : INFO : EPOCH 4 - PROGRESS: at 28.99% examples, 52670 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:25:56,965 : INFO : EPOCH 4 - PROGRESS: at 39.06% examples, 52375 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:26:05,094 : INFO : EPOCH 4 - PROGRESS: at 44.09% examples, 51955 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:06,294 : INFO : EPOCH 4 - PROGRESS: at 45.13% examples, 51938 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:07,331 : INFO : EPOCH 4 - PROGRESS: at 46.12% examples, 52054 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:08,565 : INFO : EPOCH 4 - PROGRESS: at 46.84% examples, 52003 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:09,742 : INFO : EPOCH 4 - PROGRESS: at 47.52% examples, 52001 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:11,021 : INFO : EPOCH 4 - PROGRESS: at 48.23% examples, 51923 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:26:13,289 : INFO : EPOCH 4 - PROGRESS: at 49.89% examples, 51970 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:26:15,723 : INFO : EPOCH 4 - PROGRESS: at 51.57% examples, 51917 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:26:19,224 : INFO : EPOCH 4 - PROGRESS: at 54.41% examples, 51850 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:20,252 : INFO : EPOCH 4 - PROGRESS: at 55.18% examples, 51783 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:21,259 : INFO : EPOCH 4 - PROGRESS: at 55.86% examples, 51818 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:26:32,158 : INFO : EPOCH 4 - PROGRESS: at 61.97% examples, 51331 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:33,453 : INFO : EPOCH 4 - PROGRESS: at 62.65% examples, 51128 words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:26:37,936 : INFO : EPOCH 4 - PROGRESS: at 65.09% examples, 50640 words/s, in_qsize 4, out_qsize 1
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2023-11-07 18:26:41,265 : INFO : EPOCH 4 - PROGRESS: at 67.23% examples, 50574 words/s, in_qsize 5, out_qsize 0

2023-11-07 18:26:42,369 : INFO : EPOCH 4 - PROGRESS: at 68.27% examples, 50628 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:43,372 : INFO : EPOCH 4 - PROGRESS: at 68.96% examples, 50597 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:26:44,593 : INFO : EPOCH 4 - PROGRESS: at 69.81% examples, 50595 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:45,845 : INFO : EPOCH 4 - PROGRESS: at 70.63% examples, 50583 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:47,119 : INFO : EPOCH 4 - PROGRESS: at 71.19% examples, 50497 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:48,189 : INFO : EPOCH 4 - PROGRESS: at 71.62% examples, 50447 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:49,564 : INFO : EPOCH 4 - PROGRESS: at 72.15% examples, 50310 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:50,718 : INFO : EPOCH 4 - PROGRESS: at 72.94% examples, 50351 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:51,834 : INFO : EPOCH 4 - PROGRESS: at 73.56% examples, 50270 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:26:53,112 : INFO : EPOCH 4 - PROGRESS: at 74.27% examples, 50239 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:54,260 : INFO : EPOCH 4 - PROGRESS: at 75.14% examples, 50273 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:55,444 : INFO : EPOCH 4 - PROGRESS: at 76.04% examples, 50287 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:56,609 : INFO : EPOCH 4 - PROGRESS: at 77.05% examples, 50320 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:57,723 : INFO : EPOCH 4 - PROGRESS: at 78.11% examples, 50365 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:58,843 : INFO : EPOCH 4 - PROGRESS: at 78.86% examples, 50405 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:26:59,903 : INFO : EPOCH 4 - PROGRESS: at 79.77% examples, 50470 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:01,058 : INFO : EPOCH 4 - PROGRESS: at 80.42% examples, 50439 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:02,161 : INFO : EPOCH 4 - PROGRESS: at 81.13% examples, 50428 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:03,169 : INFO : EPOCH 4 - PROGRESS: at 81.74% examples, 50396 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:04,189 : INFO : EPOCH 4 - PROGRESS: at 82.51% examples, 50420 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:05,193 : INFO : EPOCH 4 - PROGRESS: at 82.95% examples, 50395 words/s, in_qsize 6, out_qsize 0
2023-11-07 18:27:06,316 : INFO : EPOCH 4 - PROGRESS: at 83.62% examples, 50372 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:07,465 : INFO : EPOCH 4 - PROGRESS: at 84.34% examples, 50343 words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:08,512 : INFO : EPOCH 4 - PROGRESS: at 85.25% examples, 50354 words/s, in_qsize 5, out_qsize 0

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2023-11-07 18:27:09,589 : INFO : EPOCH 4 - PROGRESS: at 85.78% examples, 50352
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:10,591 : INFO : EPOCH 4 - PROGRESS: at 86.21% examples, 50283
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:11,620 : INFO : EPOCH 4 - PROGRESS: at 86.80% examples, 50309
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:12,720 : INFO : EPOCH 4 - PROGRESS: at 87.30% examples, 50255
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:13,903 : INFO : EPOCH 4 - PROGRESS: at 88.24% examples, 50270
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:14,931 : INFO : EPOCH 4 - PROGRESS: at 88.75% examples, 50238
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:15,948 : INFO : EPOCH 4 - PROGRESS: at 89.77% examples, 50316
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:17,111 : INFO : EPOCH 4 - PROGRESS: at 90.62% examples, 50334
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:18,252 : INFO : EPOCH 4 - PROGRESS: at 91.59% examples, 50357
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:19,291 : INFO : EPOCH 4 - PROGRESS: at 92.55% examples, 50418
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:20,333 : INFO : EPOCH 4 - PROGRESS: at 93.41% examples, 50480
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:21,354 : INFO : EPOCH 4 - PROGRESS: at 94.20% examples, 50501
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:22,363 : INFO : EPOCH 4 - PROGRESS: at 94.83% examples, 50481
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:23,519 : INFO : EPOCH 4 - PROGRESS: at 95.72% examples, 50499
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:24,521 : INFO : EPOCH 4 - PROGRESS: at 96.59% examples, 50524
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:25,607 : INFO : EPOCH 4 - PROGRESS: at 97.62% examples, 50571
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:26,654 : INFO : EPOCH 4 - PROGRESS: at 98.61% examples, 50630
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:27,745 : INFO : EPOCH 4 - PROGRESS: at 99.22% examples, 50575
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:28,570 : INFO : EPOCH 4: training on 10766283 raw words
(7343781 effective words) took 145.0s, 50647 effective words/s
2023-11-07 18:27:28,572 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36713813 effective words) took 740.8s, 49562 effective
words/s', 'datetime': '2023-11-07T18:27:28.572429', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 18:27:28,573 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=1000, alpha=0.025>', 'datetime':
'2023-11-07T18:27:28.573431', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}

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70583

Threshold freq = 0.00055 Percentage of correct answers: 72.5%

2023-11-07 18:27:34,093 : INFO : collecting all words and their counts
2023-11-07 18:27:34,095 : INFO : PROGRESS: at sentence #0, processed 0 words,
keeping 0 word types
2023-11-07 18:27:34,120 : INFO : PROGRESS: at sentence #10000, processed 112555
words, keeping 6354 word types
2023-11-07 18:27:34,155 : INFO : PROGRESS: at sentence #20000, processed 254983
words, keeping 10821 word types
2023-11-07 18:27:34,182 : INFO : PROGRESS: at sentence #30000, processed 367772
words, keeping 12635 word types
2023-11-07 18:27:34,225 : INFO : PROGRESS: at sentence #40000, processed 566573
words, keeping 17685 word types
2023-11-07 18:27:34,260 : INFO : PROGRESS: at sentence #50000, processed 724294
words, keeping 20496 word types
2023-11-07 18:27:34,296 : INFO : PROGRESS: at sentence #60000, processed 869309
words, keeping 22253 word types
2023-11-07 18:27:34,329 : INFO : PROGRESS: at sentence #70000, processed 1006992
words, keeping 23483 word types
2023-11-07 18:27:34,362 : INFO : PROGRESS: at sentence #80000, processed 1138953
words, keeping 24604 word types
2023-11-07 18:27:34,399 : INFO : PROGRESS: at sentence #90000, processed 1271320
words, keeping 25783 word types
2023-11-07 18:27:34,427 : INFO : PROGRESS: at sentence #100000, processed
1381760 words, keeping 26648 word types
2023-11-07 18:27:34,464 : INFO : PROGRESS: at sentence #110000, processed
1513702 words, keeping 27511 word types
2023-11-07 18:27:34,493 : INFO : PROGRESS: at sentence #120000, processed
1631919 words, keeping 28085 word types
2023-11-07 18:27:34,529 : INFO : PROGRESS: at sentence #130000, processed
1765792 words, keeping 28818 word types
2023-11-07 18:27:34,571 : INFO : PROGRESS: at sentence #140000, processed
1923924 words, keeping 30297 word types
2023-11-07 18:27:34,604 : INFO : PROGRESS: at sentence #150000, processed
2044830 words, keeping 31192 word types
2023-11-07 18:27:34,634 : INFO : PROGRESS: at sentence #160000, processed
2160734 words, keeping 31656 word types
2023-11-07 18:27:34,672 : INFO : PROGRESS: at sentence #170000, processed
2293382 words, keeping 32392 word types
2023-11-07 18:27:34,712 : INFO : PROGRESS: at sentence #180000, processed
2439256 words, keeping 33343 word types
2023-11-07 18:27:34,750 : INFO : PROGRESS: at sentence #190000, processed
2585994 words, keeping 34347 word types
2023-11-07 18:27:34,788 : INFO : PROGRESS: at sentence #200000, processed
2738528 words, keeping 35649 word types
2023-11-07 18:27:34,826 : INFO : PROGRESS: at sentence #210000, processed
2879787 words, keeping 36320 word types

2023-11-07 18:27:34,865 : INFO : PROGRESS: at sentence #220000, processed
3007767 words, keeping 36835 word types
2023-11-07 18:27:34,904 : INFO : PROGRESS: at sentence #230000, processed
3153989 words, keeping 38409 word types
2023-11-07 18:27:34,942 : INFO : PROGRESS: at sentence #240000, processed
3295498 words, keeping 39637 word types
2023-11-07 18:27:34,988 : INFO : PROGRESS: at sentence #250000, processed
3473197 words, keeping 40965 word types
2023-11-07 18:27:35,020 : INFO : PROGRESS: at sentence #260000, processed
3590526 words, keeping 41478 word types
2023-11-07 18:27:35,052 : INFO : PROGRESS: at sentence #270000, processed
3709916 words, keeping 41846 word types
2023-11-07 18:27:35,095 : INFO : PROGRESS: at sentence #280000, processed
3882011 words, keeping 43008 word types
2023-11-07 18:27:35,137 : INFO : PROGRESS: at sentence #290000, processed
4039240 words, keeping 43781 word types
2023-11-07 18:27:35,176 : INFO : PROGRESS: at sentence #300000, processed
4197239 words, keeping 44266 word types
2023-11-07 18:27:35,214 : INFO : PROGRESS: at sentence #310000, processed
4330734 words, keeping 44774 word types
2023-11-07 18:27:35,262 : INFO : PROGRESS: at sentence #320000, processed
4505548 words, keeping 46061 word types
2023-11-07 18:27:35,303 : INFO : PROGRESS: at sentence #330000, processed
4668049 words, keeping 47185 word types
2023-11-07 18:27:35,334 : INFO : PROGRESS: at sentence #340000, processed
4783463 words, keeping 47544 word types
2023-11-07 18:27:35,368 : INFO : PROGRESS: at sentence #350000, processed
4913176 words, keeping 47916 word types
2023-11-07 18:27:35,413 : INFO : PROGRESS: at sentence #360000, processed
5086888 words, keeping 48701 word types
2023-11-07 18:27:35,454 : INFO : PROGRESS: at sentence #370000, processed
5244035 words, keeping 49243 word types
2023-11-07 18:27:35,492 : INFO : PROGRESS: at sentence #380000, processed
5381703 words, keeping 49673 word types
2023-11-07 18:27:35,531 : INFO : PROGRESS: at sentence #390000, processed
5521379 words, keeping 50071 word types
2023-11-07 18:27:35,564 : INFO : PROGRESS: at sentence #400000, processed
5643024 words, keeping 50558 word types
2023-11-07 18:27:35,597 : INFO : PROGRESS: at sentence #410000, processed
5762211 words, keeping 50966 word types
2023-11-07 18:27:35,633 : INFO : PROGRESS: at sentence #420000, processed
5902815 words, keeping 51294 word types
2023-11-07 18:27:35,672 : INFO : PROGRESS: at sentence #430000, processed
6047861 words, keeping 51762 word types
2023-11-07 18:27:35,707 : INFO : PROGRESS: at sentence #440000, processed
6169325 words, keeping 52046 word types
2023-11-07 18:27:35,749 : INFO : PROGRESS: at sentence #450000, processed
6318470 words, keeping 52740 word types

2023-11-07 18:27:35,807 : INFO : PROGRESS: at sentence #460000, processed
6533393 words, keeping 54044 word types
2023-11-07 18:27:35,864 : INFO : PROGRESS: at sentence #470000, processed
6719789 words, keeping 54950 word types
2023-11-07 18:27:35,899 : INFO : PROGRESS: at sentence #480000, processed
6850469 words, keeping 55246 word types
2023-11-07 18:27:35,944 : INFO : PROGRESS: at sentence #490000, processed
7013052 words, keeping 56021 word types
2023-11-07 18:27:35,985 : INFO : PROGRESS: at sentence #500000, processed
7167853 words, keeping 56683 word types
2023-11-07 18:27:36,021 : INFO : PROGRESS: at sentence #510000, processed
7293581 words, keeping 57203 word types
2023-11-07 18:27:36,054 : INFO : PROGRESS: at sentence #520000, processed
7423166 words, keeping 57812 word types
2023-11-07 18:27:36,092 : INFO : PROGRESS: at sentence #530000, processed
7557394 words, keeping 58545 word types
2023-11-07 18:27:36,145 : INFO : PROGRESS: at sentence #540000, processed
7759813 words, keeping 59416 word types
2023-11-07 18:27:36,190 : INFO : PROGRESS: at sentence #550000, processed
7923494 words, keeping 59982 word types
2023-11-07 18:27:36,235 : INFO : PROGRESS: at sentence #560000, processed
8078968 words, keeping 61074 word types
2023-11-07 18:27:36,276 : INFO : PROGRESS: at sentence #570000, processed
8220916 words, keeping 61572 word types
2023-11-07 18:27:36,308 : INFO : PROGRESS: at sentence #580000, processed
8337894 words, keeping 61863 word types
2023-11-07 18:27:36,343 : INFO : PROGRESS: at sentence #590000, processed
8467527 words, keeping 62192 word types
2023-11-07 18:27:36,380 : INFO : PROGRESS: at sentence #600000, processed
8601730 words, keeping 62628 word types
2023-11-07 18:27:36,427 : INFO : PROGRESS: at sentence #610000, processed
8757627 words, keeping 63211 word types
2023-11-07 18:27:36,469 : INFO : PROGRESS: at sentence #620000, processed
8899486 words, keeping 63809 word types
2023-11-07 18:27:36,518 : INFO : PROGRESS: at sentence #630000, processed
9081782 words, keeping 64483 word types
2023-11-07 18:27:36,553 : INFO : PROGRESS: at sentence #640000, processed
9203773 words, keeping 64821 word types
2023-11-07 18:27:36,604 : INFO : PROGRESS: at sentence #650000, processed
9389002 words, keeping 65876 word types
2023-11-07 18:27:36,650 : INFO : PROGRESS: at sentence #660000, processed
9554591 words, keeping 66413 word types
2023-11-07 18:27:36,694 : INFO : PROGRESS: at sentence #670000, processed
9702648 words, keeping 67288 word types
2023-11-07 18:27:36,730 : INFO : PROGRESS: at sentence #680000, processed
9827973 words, keeping 67596 word types
2023-11-07 18:27:36,764 : INFO : PROGRESS: at sentence #690000, processed
9953739 words, keeping 67868 word types

2023-11-07 18:27:36,802 : INFO : PROGRESS: at sentence #700000, processed
 10083832 words, keeping 68162 word types
 2023-11-07 18:27:36,851 : INFO : PROGRESS: at sentence #710000, processed
 10223733 words, keeping 68816 word types
 2023-11-07 18:27:36,887 : INFO : PROGRESS: at sentence #720000, processed
 10360488 words, keeping 69381 word types
 2023-11-07 18:27:36,920 : INFO : PROGRESS: at sentence #730000, processed
 10479153 words, keeping 69774 word types
 2023-11-07 18:27:36,955 : INFO : PROGRESS: at sentence #740000, processed
 10597851 words, keeping 70112 word types
 2023-11-07 18:27:36,994 : INFO : PROGRESS: at sentence #750000, processed
 10734438 words, keeping 70523 word types
 2023-11-07 18:27:37,004 : INFO : collected 70583 word types from a corpus of
 10766283 raw words and 752149 sentences
 2023-11-07 18:27:37,005 : INFO : Creating a fresh vocabulary
 2023-11-07 18:27:37,316 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 retains 70583 unique words (100.00% of original 70583,
 drops 0)', 'datetime': '2023-11-07T18:27:37.316897', 'gensim': '4.2.0',
 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64
 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 18:27:37,317 : INFO : Word2Vec lifecycle event {'msg':
 'effective_min_count=1 leaves 10766283 word corpus (100.00% of original
 10766283, drops 0)', 'datetime': '2023-11-07T18:27:37.317820', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'prepare_vocab'}
 2023-11-07 18:27:37,808 : INFO : deleting the raw counts dictionary of 70583
 items
 2023-11-07 18:27:37,814 : INFO : sample=0.00055 downsamples 87 most-common words
 2023-11-07 18:27:37,816 : INFO : Word2Vec lifecycle event {'msg': 'downsampling
 leaves estimated 7342202.428809431 word corpus (68.2%% of prior 10766283)',
 'datetime': '2023-11-07T18:27:37.816379', 'gensim': '4.2.0', 'python': '3.10.2
 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'prepare_vocab'}
 2023-11-07 18:27:38,573 : INFO : estimated required memory for 70583 words and
 1000 dimensions: 599955500 bytes
 2023-11-07 18:27:38,574 : INFO : resetting layer weights
 2023-11-07 18:27:39,057 : INFO : Word2Vec lifecycle event {'update': False,
 'trim_rule': 'None', 'datetime': '2023-11-07T18:27:39.057226', 'gensim':
 '4.2.0', 'python': '3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC
 v.1929 64 bit (AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event':
 'build_vocab'}
 2023-11-07 18:27:39,058 : INFO : Word2Vec lifecycle event {'msg': 'training
 model with 3 workers on 70583 vocabulary and 1000 features, using sg=1 hs=0
 sample=0.00055 negative=5 window=5 shrink_windows=True', 'datetime':
 '2023-11-07T18:27:39.058216', 'gensim': '4.2.0', 'python': '3.10.2
 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',

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'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 18:27:40,408 : INFO : EPOCH 0 - PROGRESS: at 0.85% examples, 35600
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:41,566 : INFO : EPOCH 0 - PROGRESS: at 1.80% examples, 43484
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:42,793 : INFO : EPOCH 0 - PROGRESS: at 2.60% examples, 45573
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:44,019 : INFO : EPOCH 0 - PROGRESS: at 3.63% examples, 46618
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:45,080 : INFO : EPOCH 0 - PROGRESS: at 4.32% examples, 46314
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:46,108 : INFO : EPOCH 0 - PROGRESS: at 4.73% examples, 46314
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:47,187 : INFO : EPOCH 0 - PROGRESS: at 5.16% examples, 46031
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:48,236 : INFO : EPOCH 0 - PROGRESS: at 5.78% examples, 45920
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:49,398 : INFO : EPOCH 0 - PROGRESS: at 6.41% examples, 46002
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:50,424 : INFO : EPOCH 0 - PROGRESS: at 7.15% examples, 46674
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:51,476 : INFO : EPOCH 0 - PROGRESS: at 7.78% examples, 46535
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:52,680 : INFO : EPOCH 0 - PROGRESS: at 8.71% examples, 46870
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:53,758 : INFO : EPOCH 0 - PROGRESS: at 9.43% examples, 47127
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:54,786 : INFO : EPOCH 0 - PROGRESS: at 10.21% examples, 47514
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:55,829 : INFO : EPOCH 0 - PROGRESS: at 10.97% examples, 47430
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:57,009 : INFO : EPOCH 0 - PROGRESS: at 11.56% examples, 46989
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:27:58,199 : INFO : EPOCH 0 - PROGRESS: at 12.60% examples, 47284
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:27:59,354 : INFO : EPOCH 0 - PROGRESS: at 13.66% examples, 47628
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:00,439 : INFO : EPOCH 0 - PROGRESS: at 14.49% examples, 47763
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:01,551 : INFO : EPOCH 0 - PROGRESS: at 15.31% examples, 47515
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:02,687 : INFO : EPOCH 0 - PROGRESS: at 16.24% examples, 47816
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:03,791 : INFO : EPOCH 0 - PROGRESS: at 17.00% examples, 47859
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:04,845 : INFO : EPOCH 0 - PROGRESS: at 17.70% examples, 47759
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:06,042 : INFO : EPOCH 0 - PROGRESS: at 18.22% examples, 47672

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:07,226 : INFO : EPOCH 0 - PROGRESS: at 19.21% examples, 47854
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:08,360 : INFO : EPOCH 0 - PROGRESS: at 20.25% examples, 48105
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:09,395 : INFO : EPOCH 0 - PROGRESS: at 21.12% examples, 48276
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:10,540 : INFO : EPOCH 0 - PROGRESS: at 21.96% examples, 48277
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:11,667 : INFO : EPOCH 0 - PROGRESS: at 22.71% examples, 48291
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:12,696 : INFO : EPOCH 0 - PROGRESS: at 23.38% examples, 48241
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:13,862 : INFO : EPOCH 0 - PROGRESS: at 24.25% examples, 48381
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:28:14,987 : INFO : EPOCH 0 - PROGRESS: at 24.88% examples, 48184
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:16,039 : INFO : EPOCH 0 - PROGRESS: at 25.52% examples, 48284
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:17,106 : INFO : EPOCH 0 - PROGRESS: at 26.27% examples, 48198
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:18,126 : INFO : EPOCH 0 - PROGRESS: at 26.71% examples, 48153
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:19,251 : INFO : EPOCH 0 - PROGRESS: at 27.49% examples, 48155
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:20,497 : INFO : EPOCH 0 - PROGRESS: at 28.44% examples, 48186
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:21,811 : INFO : EPOCH 0 - PROGRESS: at 29.35% examples, 48143
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:23,136 : INFO : EPOCH 0 - PROGRESS: at 30.21% examples, 48084
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:24,354 : INFO : EPOCH 0 - PROGRESS: at 30.88% examples, 48131
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:25,554 : INFO : EPOCH 0 - PROGRESS: at 31.84% examples, 48209
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:26,581 : INFO : EPOCH 0 - PROGRESS: at 32.44% examples, 48037
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:28:27,593 : INFO : EPOCH 0 - PROGRESS: at 32.82% examples, 47890
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:28,604 : INFO : EPOCH 0 - PROGRESS: at 33.33% examples, 48009
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:29,627 : INFO : EPOCH 0 - PROGRESS: at 34.14% examples, 47994
words/s, in_qsize 4, out_qsize 1
2023-11-07 18:28:30,666 : INFO : EPOCH 0 - PROGRESS: at 35.25% examples, 48218
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:31,835 : INFO : EPOCH 0 - PROGRESS: at 36.05% examples, 48187
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:32,947 : INFO : EPOCH 0 - PROGRESS: at 36.66% examples, 48076

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:33,970 : INFO : EPOCH 0 - PROGRESS: at 37.12% examples, 48045
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:35,124 : INFO : EPOCH 0 - PROGRESS: at 37.71% examples, 48028
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:36,137 : INFO : EPOCH 0 - PROGRESS: at 38.34% examples, 48008
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:37,148 : INFO : EPOCH 0 - PROGRESS: at 38.96% examples, 48000
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:38,183 : INFO : EPOCH 0 - PROGRESS: at 39.54% examples, 47960
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:28:39,378 : INFO : EPOCH 0 - PROGRESS: at 40.20% examples, 47923
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:40,475 : INFO : EPOCH 0 - PROGRESS: at 41.16% examples, 48058
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:41,490 : INFO : EPOCH 0 - PROGRESS: at 41.80% examples, 48035
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:42,554 : INFO : EPOCH 0 - PROGRESS: at 42.32% examples, 47975
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:43,665 : INFO : EPOCH 0 - PROGRESS: at 42.68% examples, 47770
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:44,703 : INFO : EPOCH 0 - PROGRESS: at 43.21% examples, 47738
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:45,857 : INFO : EPOCH 0 - PROGRESS: at 43.95% examples, 47728
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:47,015 : INFO : EPOCH 0 - PROGRESS: at 45.00% examples, 47817
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:48,146 : INFO : EPOCH 0 - PROGRESS: at 46.04% examples, 47924
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:49,332 : INFO : EPOCH 0 - PROGRESS: at 46.62% examples, 47794
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:50,373 : INFO : EPOCH 0 - PROGRESS: at 47.21% examples, 47856
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:51,385 : INFO : EPOCH 0 - PROGRESS: at 47.76% examples, 47843
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:52,500 : INFO : EPOCH 0 - PROGRESS: at 48.40% examples, 47856
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:53,606 : INFO : EPOCH 0 - PROGRESS: at 49.12% examples, 47870
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:54,632 : INFO : EPOCH 0 - PROGRESS: at 49.78% examples, 47844
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:55,724 : INFO : EPOCH 0 - PROGRESS: at 50.56% examples, 47874
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:56,788 : INFO : EPOCH 0 - PROGRESS: at 51.27% examples, 47830
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:28:58,056 : INFO : EPOCH 0 - PROGRESS: at 52.16% examples, 47838
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:28:59,276 : INFO : EPOCH 0 - PROGRESS: at 53.09% examples, 47868

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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:00,325 : INFO : EPOCH 0 - PROGRESS: at 53.91% examples, 47838
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:01,353 : INFO : EPOCH 0 - PROGRESS: at 54.79% examples, 47902
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:02,376 : INFO : EPOCH 0 - PROGRESS: at 55.52% examples, 47973
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:03,487 : INFO : EPOCH 0 - PROGRESS: at 56.09% examples, 47911
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:04,589 : INFO : EPOCH 0 - PROGRESS: at 56.85% examples, 47934
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:05,621 : INFO : EPOCH 0 - PROGRESS: at 57.61% examples, 47913
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:06,906 : INFO : EPOCH 0 - PROGRESS: at 58.55% examples, 47916
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:08,145 : INFO : EPOCH 0 - PROGRESS: at 59.44% examples, 47941
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:09,230 : INFO : EPOCH 0 - PROGRESS: at 59.98% examples, 47966
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:10,384 : INFO : EPOCH 0 - PROGRESS: at 60.42% examples, 47889
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:11,389 : INFO : EPOCH 0 - PROGRESS: at 60.86% examples, 47893
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:12,574 : INFO : EPOCH 0 - PROGRESS: at 61.28% examples, 47801
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:13,753 : INFO : EPOCH 0 - PROGRESS: at 61.72% examples, 47714
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:14,856 : INFO : EPOCH 0 - PROGRESS: at 62.31% examples, 47744
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:15,969 : INFO : EPOCH 0 - PROGRESS: at 63.16% examples, 47761
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:17,017 : INFO : EPOCH 0 - PROGRESS: at 63.97% examples, 47803
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:18,070 : INFO : EPOCH 0 - PROGRESS: at 64.53% examples, 47773
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:19,123 : INFO : EPOCH 0 - PROGRESS: at 65.09% examples, 47748
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:20,251 : INFO : EPOCH 0 - PROGRESS: at 65.77% examples, 47754
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:21,277 : INFO : EPOCH 0 - PROGRESS: at 66.42% examples, 47800
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:22,335 : INFO : EPOCH 0 - PROGRESS: at 67.12% examples, 47766
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:23,485 : INFO : EPOCH 0 - PROGRESS: at 68.06% examples, 47761
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:24,669 : INFO : EPOCH 0 - PROGRESS: at 68.96% examples, 47804
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:25,721 : INFO : EPOCH 0 - PROGRESS: at 69.71% examples, 47846

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:27,092 : INFO : EPOCH 0 - PROGRESS: at 70.57% examples, 47811
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:28,111 : INFO : EPOCH 0 - PROGRESS: at 71.01% examples, 47747
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:29,216 : INFO : EPOCH 0 - PROGRESS: at 71.37% examples, 47647
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:30,256 : INFO : EPOCH 0 - PROGRESS: at 71.75% examples, 47573
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:31,292 : INFO : EPOCH 0 - PROGRESS: at 72.28% examples, 47623
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:32,579 : INFO : EPOCH 0 - PROGRESS: at 72.94% examples, 47510
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:33,613 : INFO : EPOCH 0 - PROGRESS: at 73.62% examples, 47556
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:34,630 : INFO : EPOCH 0 - PROGRESS: at 74.07% examples, 47488
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:35,660 : INFO : EPOCH 0 - PROGRESS: at 74.87% examples, 47536
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:36,822 : INFO : EPOCH 0 - PROGRESS: at 75.58% examples, 47529
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:38,023 : INFO : EPOCH 0 - PROGRESS: at 76.63% examples, 47570
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:39,119 : INFO : EPOCH 0 - PROGRESS: at 77.66% examples, 47646
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:40,276 : INFO : EPOCH 0 - PROGRESS: at 78.41% examples, 47638
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:41,368 : INFO : EPOCH 0 - PROGRESS: at 79.14% examples, 47655
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:42,642 : INFO : EPOCH 0 - PROGRESS: at 79.93% examples, 47602
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:43,649 : INFO : EPOCH 0 - PROGRESS: at 80.61% examples, 47658
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:44,660 : INFO : EPOCH 0 - PROGRESS: at 81.13% examples, 47599
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:45,690 : INFO : EPOCH 0 - PROGRESS: at 81.65% examples, 47531
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:46,941 : INFO : EPOCH 0 - PROGRESS: at 82.36% examples, 47438
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:47,964 : INFO : EPOCH 0 - PROGRESS: at 82.77% examples, 47376
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:49,069 : INFO : EPOCH 0 - PROGRESS: at 83.24% examples, 47286
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:50,214 : INFO : EPOCH 0 - PROGRESS: at 83.82% examples, 47283
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:51,374 : INFO : EPOCH 0 - PROGRESS: at 84.57% examples, 47227
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:52,627 : INFO : EPOCH 0 - PROGRESS: at 85.25% examples, 47089

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:53,763 : INFO : EPOCH 0 - PROGRESS: at 85.64% examples, 46990
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:54,924 : INFO : EPOCH 0 - PROGRESS: at 86.07% examples, 46894
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:56,231 : INFO : EPOCH 0 - PROGRESS: at 86.73% examples, 46899
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:57,580 : INFO : EPOCH 0 - PROGRESS: at 87.43% examples, 46890
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:29:58,896 : INFO : EPOCH 0 - PROGRESS: at 88.34% examples, 46888
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:29:59,915 : INFO : EPOCH 0 - PROGRESS: at 88.94% examples, 46934
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:00,942 : INFO : EPOCH 0 - PROGRESS: at 89.77% examples, 46933
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:02,229 : INFO : EPOCH 0 - PROGRESS: at 90.62% examples, 46938
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:03,510 : INFO : EPOCH 0 - PROGRESS: at 91.59% examples, 46941
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:04,658 : INFO : EPOCH 0 - PROGRESS: at 92.55% examples, 46988
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:05,856 : INFO : EPOCH 0 - PROGRESS: at 93.41% examples, 47020
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:06,859 : INFO : EPOCH 0 - PROGRESS: at 94.20% examples, 47069
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:30:07,948 : INFO : EPOCH 0 - PROGRESS: at 94.83% examples, 47048
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:30:09,243 : INFO : EPOCH 0 - PROGRESS: at 95.72% examples, 47047
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:10,395 : INFO : EPOCH 0 - PROGRESS: at 96.70% examples, 47090
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:11,517 : INFO : EPOCH 0 - PROGRESS: at 97.76% examples, 47147
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:12,529 : INFO : EPOCH 0 - PROGRESS: at 98.52% examples, 47146
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:13,628 : INFO : EPOCH 0 - PROGRESS: at 99.22% examples, 47161
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:14,602 : INFO : EPOCH 0: training on 10766283 raw words
(7341202 effective words) took 155.5s, 47200 effective words/s
2023-11-07 18:30:15,753 : INFO : EPOCH 1 - PROGRESS: at 0.85% examples, 41861
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:16,852 : INFO : EPOCH 1 - PROGRESS: at 1.80% examples, 48530
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:18,130 : INFO : EPOCH 1 - PROGRESS: at 2.60% examples, 48244
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:19,235 : INFO : EPOCH 1 - PROGRESS: at 3.63% examples, 49959
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:20,357 : INFO : EPOCH 1 - PROGRESS: at 4.38% examples, 49697

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:21,498 : INFO : EPOCH 1 - PROGRESS: at 4.78% examples, 48411
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:22,600 : INFO : EPOCH 1 - PROGRESS: at 5.35% examples, 48513
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:30:23,700 : INFO : EPOCH 1 - PROGRESS: at 5.94% examples, 47847
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:30:24,725 : INFO : EPOCH 1 - PROGRESS: at 6.59% examples, 48410
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:25,919 : INFO : EPOCH 1 - PROGRESS: at 7.22% examples, 47538
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:27,128 : INFO : EPOCH 1 - PROGRESS: at 8.10% examples, 47801
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:28,177 : INFO : EPOCH 1 - PROGRESS: at 8.89% examples, 48088
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:29,266 : INFO : EPOCH 1 - PROGRESS: at 9.54% examples, 47760
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:30,344 : INFO : EPOCH 1 - PROGRESS: at 10.30% examples, 47958
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:31,412 : INFO : EPOCH 1 - PROGRESS: at 11.04% examples, 47790
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:32,418 : INFO : EPOCH 1 - PROGRESS: at 11.68% examples, 47773
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:33,517 : INFO : EPOCH 1 - PROGRESS: at 12.60% examples, 47888
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:34,675 : INFO : EPOCH 1 - PROGRESS: at 13.66% examples, 48190
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:35,737 : INFO : EPOCH 1 - PROGRESS: at 14.38% examples, 48027
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:37,024 : INFO : EPOCH 1 - PROGRESS: at 15.31% examples, 47702
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:38,025 : INFO : EPOCH 1 - PROGRESS: at 16.02% examples, 47689
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:30:39,047 : INFO : EPOCH 1 - PROGRESS: at 16.61% examples, 47356
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:40,086 : INFO : EPOCH 1 - PROGRESS: at 17.11% examples, 46766
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:41,458 : INFO : EPOCH 1 - PROGRESS: at 17.71% examples, 45903
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:30:42,471 : INFO : EPOCH 1 - PROGRESS: at 18.05% examples, 45463
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:43,681 : INFO : EPOCH 1 - PROGRESS: at 18.65% examples, 45216
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:44,772 : INFO : EPOCH 1 - PROGRESS: at 19.30% examples, 44941
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:45,803 : INFO : EPOCH 1 - PROGRESS: at 20.25% examples, 45209
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:46,920 : INFO : EPOCH 1 - PROGRESS: at 20.99% examples, 45125

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:48,022 : INFO : EPOCH 1 - PROGRESS: at 21.88% examples, 45300
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:49,031 : INFO : EPOCH 1 - PROGRESS: at 22.64% examples, 45561
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:50,215 : INFO : EPOCH 1 - PROGRESS: at 23.38% examples, 45591
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:51,285 : INFO : EPOCH 1 - PROGRESS: at 24.25% examples, 45925
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:52,429 : INFO : EPOCH 1 - PROGRESS: at 24.95% examples, 45975
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:53,609 : INFO : EPOCH 1 - PROGRESS: at 25.71% examples, 46153
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:54,838 : INFO : EPOCH 1 - PROGRESS: at 26.53% examples, 46270
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:56,017 : INFO : EPOCH 1 - PROGRESS: at 27.30% examples, 46422
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:57,131 : INFO : EPOCH 1 - PROGRESS: at 28.20% examples, 46642
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:58,271 : INFO : EPOCH 1 - PROGRESS: at 29.18% examples, 46830
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:30:59,380 : INFO : EPOCH 1 - PROGRESS: at 30.09% examples, 47047
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:00,673 : INFO : EPOCH 1 - PROGRESS: at 30.67% examples, 46894
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:01,961 : INFO : EPOCH 1 - PROGRESS: at 31.43% examples, 46908
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:03,033 : INFO : EPOCH 1 - PROGRESS: at 32.38% examples, 47006
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:04,061 : INFO : EPOCH 1 - PROGRESS: at 32.82% examples, 47004
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:05,164 : INFO : EPOCH 1 - PROGRESS: at 33.33% examples, 47053
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:06,275 : INFO : EPOCH 1 - PROGRESS: at 34.34% examples, 47241
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:31:07,319 : INFO : EPOCH 1 - PROGRESS: at 35.46% examples, 47469
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:08,412 : INFO : EPOCH 1 - PROGRESS: at 36.27% examples, 47521
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:09,738 : INFO : EPOCH 1 - PROGRESS: at 36.92% examples, 47493
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:10,992 : INFO : EPOCH 1 - PROGRESS: at 37.55% examples, 47519
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:12,217 : INFO : EPOCH 1 - PROGRESS: at 38.34% examples, 47569
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:13,392 : INFO : EPOCH 1 - PROGRESS: at 39.16% examples, 47661
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:14,642 : INFO : EPOCH 1 - PROGRESS: at 39.88% examples, 47698

words/s, in_qsize 6, out_qsize 0
2023-11-07 18:31:15,730 : INFO : EPOCH 1 - PROGRESS: at 40.68% examples, 47743
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:16,747 : INFO : EPOCH 1 - PROGRESS: at 41.48% examples, 47824
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:17,761 : INFO : EPOCH 1 - PROGRESS: at 42.04% examples, 47806
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:19,008 : INFO : EPOCH 1 - PROGRESS: at 42.55% examples, 47714
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:20,104 : INFO : EPOCH 1 - PROGRESS: at 43.21% examples, 47846
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:21,151 : INFO : EPOCH 1 - PROGRESS: at 44.09% examples, 48014
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:22,243 : INFO : EPOCH 1 - PROGRESS: at 45.11% examples, 48144
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:23,441 : INFO : EPOCH 1 - PROGRESS: at 46.13% examples, 48198
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:24,442 : INFO : EPOCH 1 - PROGRESS: at 46.76% examples, 48283
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:25,459 : INFO : EPOCH 1 - PROGRESS: at 47.29% examples, 48262
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:26,547 : INFO : EPOCH 1 - PROGRESS: at 47.92% examples, 48288
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:27,546 : INFO : EPOCH 1 - PROGRESS: at 48.47% examples, 48276
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:28,665 : INFO : EPOCH 1 - PROGRESS: at 49.32% examples, 48364
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:29,718 : INFO : EPOCH 1 - PROGRESS: at 49.98% examples, 48316
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:30,813 : INFO : EPOCH 1 - PROGRESS: at 50.89% examples, 48428
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:32,038 : INFO : EPOCH 1 - PROGRESS: at 51.68% examples, 48457
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:33,072 : INFO : EPOCH 1 - PROGRESS: at 52.70% examples, 48594
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:34,202 : INFO : EPOCH 1 - PROGRESS: at 53.67% examples, 48670
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:35,242 : INFO : EPOCH 1 - PROGRESS: at 54.55% examples, 48720
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:36,246 : INFO : EPOCH 1 - PROGRESS: at 55.27% examples, 48711
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:37,351 : INFO : EPOCH 1 - PROGRESS: at 56.01% examples, 48808
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:38,513 : INFO : EPOCH 1 - PROGRESS: at 56.85% examples, 48866
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:39,586 : INFO : EPOCH 1 - PROGRESS: at 57.81% examples, 48976
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:40,694 : INFO : EPOCH 1 - PROGRESS: at 58.55% examples, 48901

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:41,762 : INFO : EPOCH 1 - PROGRESS: at 59.28% examples, 48856
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:42,810 : INFO : EPOCH 1 - PROGRESS: at 59.68% examples, 48656
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:31:44,165 : INFO : EPOCH 1 - PROGRESS: at 60.04% examples, 48375
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:45,300 : INFO : EPOCH 1 - PROGRESS: at 60.42% examples, 48228
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:46,378 : INFO : EPOCH 1 - PROGRESS: at 60.86% examples, 48189
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:47,496 : INFO : EPOCH 1 - PROGRESS: at 61.16% examples, 47981
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:48,626 : INFO : EPOCH 1 - PROGRESS: at 61.53% examples, 47839
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:49,843 : INFO : EPOCH 1 - PROGRESS: at 61.90% examples, 47665
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:50,945 : INFO : EPOCH 1 - PROGRESS: at 62.43% examples, 47550
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:31:52,089 : INFO : EPOCH 1 - PROGRESS: at 63.06% examples, 47416
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:53,142 : INFO : EPOCH 1 - PROGRESS: at 63.56% examples, 47255
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:54,418 : INFO : EPOCH 1 - PROGRESS: at 64.34% examples, 47196
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:55,586 : INFO : EPOCH 1 - PROGRESS: at 64.84% examples, 47121
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:56,596 : INFO : EPOCH 1 - PROGRESS: at 65.29% examples, 47053
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:57,656 : INFO : EPOCH 1 - PROGRESS: at 66.10% examples, 47099
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:58,767 : INFO : EPOCH 1 - PROGRESS: at 66.62% examples, 47046
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:31:59,797 : INFO : EPOCH 1 - PROGRESS: at 67.54% examples, 47166
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:01,118 : INFO : EPOCH 1 - PROGRESS: at 68.37% examples, 47028
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:02,207 : INFO : EPOCH 1 - PROGRESS: at 68.95% examples, 46931
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:03,313 : INFO : EPOCH 1 - PROGRESS: at 69.71% examples, 46957
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:04,401 : INFO : EPOCH 1 - PROGRESS: at 70.40% examples, 46930
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:05,610 : INFO : EPOCH 1 - PROGRESS: at 71.01% examples, 46920
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:06,878 : INFO : EPOCH 1 - PROGRESS: at 71.56% examples, 46946
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:07,891 : INFO : EPOCH 1 - PROGRESS: at 72.01% examples, 46951

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:09,096 : INFO : EPOCH 1 - PROGRESS: at 72.48% examples, 46879
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:10,114 : INFO : EPOCH 1 - PROGRESS: at 73.12% examples, 46823
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:32:11,148 : INFO : EPOCH 1 - PROGRESS: at 73.70% examples, 46816
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:12,340 : INFO : EPOCH 1 - PROGRESS: at 74.39% examples, 46803
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:32:13,468 : INFO : EPOCH 1 - PROGRESS: at 75.22% examples, 46875
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:14,478 : INFO : EPOCH 1 - PROGRESS: at 76.13% examples, 46991
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:15,504 : INFO : EPOCH 1 - PROGRESS: at 77.05% examples, 47049
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:16,521 : INFO : EPOCH 1 - PROGRESS: at 77.98% examples, 47102
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:17,558 : INFO : EPOCH 1 - PROGRESS: at 78.68% examples, 47145
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:18,701 : INFO : EPOCH 1 - PROGRESS: at 79.55% examples, 47205
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:19,757 : INFO : EPOCH 1 - PROGRESS: at 80.26% examples, 47244
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:20,808 : INFO : EPOCH 1 - PROGRESS: at 80.98% examples, 47282
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:21,944 : INFO : EPOCH 1 - PROGRESS: at 81.65% examples, 47282
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:23,208 : INFO : EPOCH 1 - PROGRESS: at 82.51% examples, 47292
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:24,258 : INFO : EPOCH 1 - PROGRESS: at 83.02% examples, 47328
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:25,408 : INFO : EPOCH 1 - PROGRESS: at 83.69% examples, 47323
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:26,489 : INFO : EPOCH 1 - PROGRESS: at 84.43% examples, 47346
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:27,635 : INFO : EPOCH 1 - PROGRESS: at 85.39% examples, 47397
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:28,735 : INFO : EPOCH 1 - PROGRESS: at 85.85% examples, 47362
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:29,752 : INFO : EPOCH 1 - PROGRESS: at 86.43% examples, 47413
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:30,789 : INFO : EPOCH 1 - PROGRESS: at 86.97% examples, 47408
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:31,943 : INFO : EPOCH 1 - PROGRESS: at 87.76% examples, 47460
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:32:33,081 : INFO : EPOCH 1 - PROGRESS: at 88.47% examples, 47462
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:34,082 : INFO : EPOCH 1 - PROGRESS: at 89.17% examples, 47514

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:35,135 : INFO : EPOCH 1 - PROGRESS: at 90.08% examples, 47544
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:36,216 : INFO : EPOCH 1 - PROGRESS: at 90.95% examples, 47611
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:37,255 : INFO : EPOCH 1 - PROGRESS: at 91.94% examples, 47690
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:38,518 : INFO : EPOCH 1 - PROGRESS: at 92.85% examples, 47693
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:39,565 : INFO : EPOCH 1 - PROGRESS: at 93.73% examples, 47772
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:40,717 : INFO : EPOCH 1 - PROGRESS: at 94.52% examples, 47814
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:41,885 : INFO : EPOCH 1 - PROGRESS: at 95.49% examples, 47854
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:43,057 : INFO : EPOCH 1 - PROGRESS: at 96.37% examples, 47883
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:44,168 : INFO : EPOCH 1 - PROGRESS: at 97.39% examples, 47936
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:45,318 : INFO : EPOCH 1 - PROGRESS: at 98.41% examples, 47978
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:46,444 : INFO : EPOCH 1 - PROGRESS: at 99.22% examples, 48024
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:47,245 : INFO : EPOCH 1: training on 10766283 raw words
(7343474 effective words) took 152.6s, 48113 effective words/s
2023-11-07 18:32:48,349 : INFO : EPOCH 2 - PROGRESS: at 0.84% examples, 43343
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:49,527 : INFO : EPOCH 2 - PROGRESS: at 1.80% examples, 47827
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:50,623 : INFO : EPOCH 2 - PROGRESS: at 2.58% examples, 50464
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:51,786 : INFO : EPOCH 2 - PROGRESS: at 3.63% examples, 50945
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:53,100 : INFO : EPOCH 2 - PROGRESS: at 4.43% examples, 49932
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:54,108 : INFO : EPOCH 2 - PROGRESS: at 4.89% examples, 50572
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:55,154 : INFO : EPOCH 2 - PROGRESS: at 5.45% examples, 49877
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:32:56,351 : INFO : EPOCH 2 - PROGRESS: at 6.18% examples, 49996
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:32:57,500 : INFO : EPOCH 2 - PROGRESS: at 6.98% examples, 50387
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:58,590 : INFO : EPOCH 2 - PROGRESS: at 7.79% examples, 50923
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:32:59,691 : INFO : EPOCH 2 - PROGRESS: at 8.71% examples, 51300
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:00,921 : INFO : EPOCH 2 - PROGRESS: at 9.54% examples, 51170

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:02,094 : INFO : EPOCH 2 - PROGRESS: at 10.45% examples, 51271
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:03,387 : INFO : EPOCH 2 - PROGRESS: at 11.27% examples, 50999
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:04,579 : INFO : EPOCH 2 - PROGRESS: at 12.26% examples, 51042
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:05,598 : INFO : EPOCH 2 - PROGRESS: at 13.38% examples, 51567
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:06,841 : INFO : EPOCH 2 - PROGRESS: at 14.30% examples, 51430
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:07,966 : INFO : EPOCH 2 - PROGRESS: at 15.31% examples, 51596
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:09,037 : INFO : EPOCH 2 - PROGRESS: at 16.24% examples, 51860
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:10,229 : INFO : EPOCH 2 - PROGRESS: at 17.11% examples, 51825
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:11,363 : INFO : EPOCH 2 - PROGRESS: at 17.91% examples, 51937
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:12,369 : INFO : EPOCH 2 - PROGRESS: at 18.57% examples, 52042
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:13,500 : INFO : EPOCH 2 - PROGRESS: at 19.47% examples, 52159
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:14,732 : INFO : EPOCH 2 - PROGRESS: at 20.71% examples, 52297
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:15,875 : INFO : EPOCH 2 - PROGRESS: at 21.67% examples, 52391
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:16,986 : INFO : EPOCH 2 - PROGRESS: at 22.56% examples, 52503
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:18,187 : INFO : EPOCH 2 - PROGRESS: at 23.38% examples, 52464
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:19,213 : INFO : EPOCH 2 - PROGRESS: at 24.25% examples, 52697
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:20,445 : INFO : EPOCH 2 - PROGRESS: at 25.04% examples, 52579
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:21,488 : INFO : EPOCH 2 - PROGRESS: at 25.61% examples, 52358
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:22,613 : INFO : EPOCH 2 - PROGRESS: at 26.46% examples, 52438
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:23,754 : INFO : EPOCH 2 - PROGRESS: at 27.09% examples, 52285
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:24,959 : INFO : EPOCH 2 - PROGRESS: at 27.99% examples, 52238
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:26,099 : INFO : EPOCH 2 - PROGRESS: at 28.99% examples, 52280
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:27,240 : INFO : EPOCH 2 - PROGRESS: at 29.92% examples, 52339
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:28,290 : INFO : EPOCH 2 - PROGRESS: at 30.53% examples, 52307

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words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:29,364 : INFO : EPOCH 2 - PROGRESS: at 31.04% examples, 52096
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:30,548 : INFO : EPOCH 2 - PROGRESS: at 32.08% examples, 52088
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:31,594 : INFO : EPOCH 2 - PROGRESS: at 32.63% examples, 51950
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:32,700 : INFO : EPOCH 2 - PROGRESS: at 33.14% examples, 51894
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:33,769 : INFO : EPOCH 2 - PROGRESS: at 34.00% examples, 52024
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:34,897 : INFO : EPOCH 2 - PROGRESS: at 35.13% examples, 52085
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:36,069 : INFO : EPOCH 2 - PROGRESS: at 36.05% examples, 52091
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:37,261 : INFO : EPOCH 2 - PROGRESS: at 36.80% examples, 52076
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:38,309 : INFO : EPOCH 2 - PROGRESS: at 37.33% examples, 52072
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:39,413 : INFO : EPOCH 2 - PROGRESS: at 38.00% examples, 52010
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:40,434 : INFO : EPOCH 2 - PROGRESS: at 38.69% examples, 52037
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:41,444 : INFO : EPOCH 2 - PROGRESS: at 39.40% examples, 52076
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:42,517 : INFO : EPOCH 2 - PROGRESS: at 40.04% examples, 52059
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:43,626 : INFO : EPOCH 2 - PROGRESS: at 40.86% examples, 51996
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:44,691 : INFO : EPOCH 2 - PROGRESS: at 41.73% examples, 52088
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:45,697 : INFO : EPOCH 2 - PROGRESS: at 42.32% examples, 52116
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:46,939 : INFO : EPOCH 2 - PROGRESS: at 42.75% examples, 51818
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:48,132 : INFO : EPOCH 2 - PROGRESS: at 43.53% examples, 51803
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:49,214 : INFO : EPOCH 2 - PROGRESS: at 44.51% examples, 51885
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:33:50,310 : INFO : EPOCH 2 - PROGRESS: at 45.44% examples, 51951
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:51,488 : INFO : EPOCH 2 - PROGRESS: at 46.40% examples, 51954
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:52,507 : INFO : EPOCH 2 - PROGRESS: at 46.99% examples, 51968
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:53,563 : INFO : EPOCH 2 - PROGRESS: at 47.52% examples, 51861
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:54,675 : INFO : EPOCH 2 - PROGRESS: at 48.25% examples, 51912

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:55,680 : INFO : EPOCH 2 - PROGRESS: at 48.87% examples, 51937
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:56,723 : INFO : EPOCH 2 - PROGRESS: at 49.68% examples, 51935
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:57,834 : INFO : EPOCH 2 - PROGRESS: at 50.46% examples, 51888
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:58,884 : INFO : EPOCH 2 - PROGRESS: at 51.36% examples, 51981
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:33:59,986 : INFO : EPOCH 2 - PROGRESS: at 52.28% examples, 52035
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:01,114 : INFO : EPOCH 2 - PROGRESS: at 52.97% examples, 51882
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:02,116 : INFO : EPOCH 2 - PROGRESS: at 54.01% examples, 52006
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:03,285 : INFO : EPOCH 2 - PROGRESS: at 54.89% examples, 51925
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:04,443 : INFO : EPOCH 2 - PROGRESS: at 55.69% examples, 51949
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:34:05,454 : INFO : EPOCH 2 - PROGRESS: at 56.32% examples, 51975
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:06,548 : INFO : EPOCH 2 - PROGRESS: at 57.13% examples, 51952
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:07,661 : INFO : EPOCH 2 - PROGRESS: at 58.12% examples, 51998
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:08,777 : INFO : EPOCH 2 - PROGRESS: at 59.00% examples, 51967
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:09,957 : INFO : EPOCH 2 - PROGRESS: at 59.74% examples, 51957
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:11,069 : INFO : EPOCH 2 - PROGRESS: at 60.23% examples, 51927
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:12,154 : INFO : EPOCH 2 - PROGRESS: at 60.67% examples, 51833
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:13,256 : INFO : EPOCH 2 - PROGRESS: at 61.16% examples, 51812
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:14,452 : INFO : EPOCH 2 - PROGRESS: at 61.66% examples, 51732
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:15,488 : INFO : EPOCH 2 - PROGRESS: at 62.21% examples, 51753
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:16,491 : INFO : EPOCH 2 - PROGRESS: at 63.06% examples, 51785
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:17,500 : INFO : EPOCH 2 - PROGRESS: at 63.86% examples, 51808
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:18,685 : INFO : EPOCH 2 - PROGRESS: at 64.60% examples, 51802
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:20,042 : INFO : EPOCH 2 - PROGRESS: at 65.29% examples, 51704
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:21,247 : INFO : EPOCH 2 - PROGRESS: at 66.17% examples, 51694

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:22,386 : INFO : EPOCH 2 - PROGRESS: at 66.93% examples, 51709
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:23,450 : INFO : EPOCH 2 - PROGRESS: at 67.94% examples, 51773
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:24,560 : INFO : EPOCH 2 - PROGRESS: at 68.85% examples, 51811
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:25,720 : INFO : EPOCH 2 - PROGRESS: at 69.71% examples, 51826
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:26,737 : INFO : EPOCH 2 - PROGRESS: at 70.51% examples, 51849
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:27,949 : INFO : EPOCH 2 - PROGRESS: at 71.00% examples, 51705
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:29,019 : INFO : EPOCH 2 - PROGRESS: at 71.50% examples, 51709
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:30,123 : INFO : EPOCH 2 - PROGRESS: at 71.93% examples, 51624
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:31,159 : INFO : EPOCH 2 - PROGRESS: at 72.48% examples, 51639
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:32,243 : INFO : EPOCH 2 - PROGRESS: at 73.31% examples, 51631
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:33,286 : INFO : EPOCH 2 - PROGRESS: at 73.90% examples, 51630
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:34,338 : INFO : EPOCH 2 - PROGRESS: at 74.60% examples, 51569
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:35,501 : INFO : EPOCH 2 - PROGRESS: at 75.41% examples, 51578
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:36,518 : INFO : EPOCH 2 - PROGRESS: at 76.36% examples, 51663
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:37,558 : INFO : EPOCH 2 - PROGRESS: at 77.27% examples, 51674
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:38,571 : INFO : EPOCH 2 - PROGRESS: at 78.18% examples, 51691
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:39,681 : INFO : EPOCH 2 - PROGRESS: at 78.94% examples, 51723
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:40,701 : INFO : EPOCH 2 - PROGRESS: at 79.77% examples, 51737
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:41,752 : INFO : EPOCH 2 - PROGRESS: at 80.42% examples, 51741
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:42,792 : INFO : EPOCH 2 - PROGRESS: at 81.13% examples, 51746
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:43,865 : INFO : EPOCH 2 - PROGRESS: at 81.84% examples, 51731
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:44,965 : INFO : EPOCH 2 - PROGRESS: at 82.51% examples, 51652
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:46,033 : INFO : EPOCH 2 - PROGRESS: at 83.02% examples, 51644
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:47,096 : INFO : EPOCH 2 - PROGRESS: at 83.69% examples, 51634

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:48,109 : INFO : EPOCH 2 - PROGRESS: at 84.43% examples, 51651
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:49,181 : INFO : EPOCH 2 - PROGRESS: at 85.33% examples, 51642
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:50,445 : INFO : EPOCH 2 - PROGRESS: at 85.92% examples, 51610
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:51,453 : INFO : EPOCH 2 - PROGRESS: at 86.50% examples, 51633
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:52,485 : INFO : EPOCH 2 - PROGRESS: at 87.03% examples, 51593
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:53,576 : INFO : EPOCH 2 - PROGRESS: at 87.84% examples, 51639
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:54,728 : INFO : EPOCH 2 - PROGRESS: at 88.56% examples, 51600
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:55,743 : INFO : EPOCH 2 - PROGRESS: at 89.17% examples, 51564
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:56,745 : INFO : EPOCH 2 - PROGRESS: at 90.08% examples, 51583
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:57,863 : INFO : EPOCH 2 - PROGRESS: at 90.95% examples, 51606
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:34:58,942 : INFO : EPOCH 2 - PROGRESS: at 92.05% examples, 51696
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:00,037 : INFO : EPOCH 2 - PROGRESS: at 92.85% examples, 51676
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:35:01,267 : INFO : EPOCH 2 - PROGRESS: at 93.73% examples, 51660
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:02,407 : INFO : EPOCH 2 - PROGRESS: at 94.52% examples, 51677
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:03,519 : INFO : EPOCH 2 - PROGRESS: at 95.49% examples, 51708
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:04,720 : INFO : EPOCH 2 - PROGRESS: at 96.37% examples, 51697
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:05,904 : INFO : EPOCH 2 - PROGRESS: at 97.39% examples, 51698
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:06,974 : INFO : EPOCH 2 - PROGRESS: at 98.41% examples, 51740
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:35:08,184 : INFO : EPOCH 2 - PROGRESS: at 99.22% examples, 51730
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:08,966 : INFO : EPOCH 2: training on 10766283 raw words
(7342592 effective words) took 141.7s, 51813 effective words/s
2023-11-07 18:35:09,997 : INFO : EPOCH 3 - PROGRESS: at 0.85% examples, 46557
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:11,119 : INFO : EPOCH 3 - PROGRESS: at 1.80% examples, 50588
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:35:12,170 : INFO : EPOCH 3 - PROGRESS: at 2.47% examples, 50948
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:13,241 : INFO : EPOCH 3 - PROGRESS: at 3.49% examples, 52479

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:14,344 : INFO : EPOCH 3 - PROGRESS: at 4.38% examples, 53089
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:15,629 : INFO : EPOCH 3 - PROGRESS: at 4.78% examples, 50010
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:16,844 : INFO : EPOCH 3 - PROGRESS: at 5.45% examples, 50038
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:18,115 : INFO : EPOCH 3 - PROGRESS: at 6.18% examples, 49742
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:19,216 : INFO : EPOCH 3 - PROGRESS: at 6.98% examples, 50416
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:21,430 : INFO : EPOCH 3 - PROGRESS: at 8.71% examples, 51224
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:22,621 : INFO : EPOCH 3 - PROGRESS: at 9.53% examples, 51238
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:23,746 : INFO : EPOCH 3 - PROGRESS: at 10.40% examples, 51504
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:24,940 : INFO : EPOCH 3 - PROGRESS: at 11.32% examples, 51556
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:25,981 : INFO : EPOCH 3 - PROGRESS: at 12.26% examples, 52021
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:27,051 : INFO : EPOCH 3 - PROGRESS: at 13.38% examples, 52349
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:28,220 : INFO : EPOCH 3 - PROGRESS: at 14.30% examples, 52363
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:29,399 : INFO : EPOCH 3 - PROGRESS: at 15.31% examples, 52331
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:30,473 : INFO : EPOCH 3 - PROGRESS: at 16.24% examples, 52554
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:31,536 : INFO : EPOCH 3 - PROGRESS: at 17.11% examples, 52781
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:35:32,575 : INFO : EPOCH 3 - PROGRESS: at 17.83% examples, 52768
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:33,592 : INFO : EPOCH 3 - PROGRESS: at 18.44% examples, 52814
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:34,698 : INFO : EPOCH 3 - PROGRESS: at 19.30% examples, 52672
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:35,879 : INFO : EPOCH 3 - PROGRESS: at 20.60% examples, 53146
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:36,963 : INFO : EPOCH 3 - PROGRESS: at 21.57% examples, 53310
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:37,985 : INFO : EPOCH 3 - PROGRESS: at 22.39% examples, 53322
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:39,079 : INFO : EPOCH 3 - PROGRESS: at 23.13% examples, 53210
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:40,324 : INFO : EPOCH 3 - PROGRESS: at 23.92% examples, 53049

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:41,469 : INFO : EPOCH 3 - PROGRESS: at 24.81% examples, 53056
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:42,576 : INFO : EPOCH 3 - PROGRESS: at 25.35% examples, 52724
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:43,585 : INFO : EPOCH 3 - PROGRESS: at 26.15% examples, 52762
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:44,702 : INFO : EPOCH 3 - PROGRESS: at 26.71% examples, 52627
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:45,714 : INFO : EPOCH 3 - PROGRESS: at 27.49% examples, 52659
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:46,796 : INFO : EPOCH 3 - PROGRESS: at 28.33% examples, 52588
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:47,797 : INFO : EPOCH 3 - PROGRESS: at 29.08% examples, 52461
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:48,989 : INFO : EPOCH 3 - PROGRESS: at 29.92% examples, 52275
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:50,004 : INFO : EPOCH 3 - PROGRESS: at 30.53% examples, 52292
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:51,020 : INFO : EPOCH 3 - PROGRESS: at 31.04% examples, 52153
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:52,041 : INFO : EPOCH 3 - PROGRESS: at 32.08% examples, 52350
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:53,383 : INFO : EPOCH 3 - PROGRESS: at 32.76% examples, 52163
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:54,582 : INFO : EPOCH 3 - PROGRESS: at 33.33% examples, 52136
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:55,610 : INFO : EPOCH 3 - PROGRESS: at 34.50% examples, 52459
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:56,700 : INFO : EPOCH 3 - PROGRESS: at 35.46% examples, 52407
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:57,908 : INFO : EPOCH 3 - PROGRESS: at 36.38% examples, 52366
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:35:59,136 : INFO : EPOCH 3 - PROGRESS: at 36.99% examples, 52314
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:00,411 : INFO : EPOCH 3 - PROGRESS: at 37.63% examples, 52203
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:01,539 : INFO : EPOCH 3 - PROGRESS: at 38.44% examples, 52248
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:02,747 : INFO : EPOCH 3 - PROGRESS: at 39.24% examples, 52217
words/s, in_qsize 6, out_qsize 1
2023-11-07 18:36:03,966 : INFO : EPOCH 3 - PROGRESS: at 39.96% examples, 52181
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:05,088 : INFO : EPOCH 3 - PROGRESS: at 40.86% examples, 52234
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:06,174 : INFO : EPOCH 3 - PROGRESS: at 41.73% examples, 52301
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:07,408 : INFO : EPOCH 3 - PROGRESS: at 42.38% examples, 52238

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:08,533 : INFO : EPOCH 3 - PROGRESS: at 42.88% examples, 52154
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:09,550 : INFO : EPOCH 3 - PROGRESS: at 43.61% examples, 52179
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:10,559 : INFO : EPOCH 3 - PROGRESS: at 44.51% examples, 52208
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:11,617 : INFO : EPOCH 3 - PROGRESS: at 45.33% examples, 52196
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:12,670 : INFO : EPOCH 3 - PROGRESS: at 46.30% examples, 52293
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:13,686 : INFO : EPOCH 3 - PROGRESS: at 46.84% examples, 52205
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:14,830 : INFO : EPOCH 3 - PROGRESS: at 47.29% examples, 51918
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:15,940 : INFO : EPOCH 3 - PROGRESS: at 47.92% examples, 51869
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:17,112 : INFO : EPOCH 3 - PROGRESS: at 48.61% examples, 51870
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:18,246 : INFO : EPOCH 3 - PROGRESS: at 49.51% examples, 51895
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:19,380 : INFO : EPOCH 3 - PROGRESS: at 50.37% examples, 51929
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:20,542 : INFO : EPOCH 3 - PROGRESS: at 51.27% examples, 51940
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:21,645 : INFO : EPOCH 3 - PROGRESS: at 52.16% examples, 51997
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:22,717 : INFO : EPOCH 3 - PROGRESS: at 53.09% examples, 52069
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:23,801 : INFO : EPOCH 3 - PROGRESS: at 54.10% examples, 52132
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:36:24,998 : INFO : EPOCH 3 - PROGRESS: at 55.08% examples, 52121
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:26,025 : INFO : EPOCH 3 - PROGRESS: at 55.69% examples, 52054
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:27,073 : INFO : EPOCH 3 - PROGRESS: at 56.32% examples, 52053
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:36:28,083 : INFO : EPOCH 3 - PROGRESS: at 57.13% examples, 52084
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:29,142 : INFO : EPOCH 3 - PROGRESS: at 58.11% examples, 52164
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:30,212 : INFO : EPOCH 3 - PROGRESS: at 59.11% examples, 52241
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:31,317 : INFO : EPOCH 3 - PROGRESS: at 59.68% examples, 52111
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:32,319 : INFO : EPOCH 3 - PROGRESS: at 60.10% examples, 52058
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:33,464 : INFO : EPOCH 3 - PROGRESS: at 60.61% examples, 52009

words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:34,767 : INFO : EPOCH 3 - PROGRESS: at 61.16% examples, 51942
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:36,061 : INFO : EPOCH 3 - PROGRESS: at 61.72% examples, 51881
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:37,080 : INFO : EPOCH 3 - PROGRESS: at 62.21% examples, 51832
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:38,109 : INFO : EPOCH 3 - PROGRESS: at 63.06% examples, 51849
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:39,137 : INFO : EPOCH 3 - PROGRESS: at 63.97% examples, 51936
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:40,144 : INFO : EPOCH 3 - PROGRESS: at 64.60% examples, 51953
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:41,329 : INFO : EPOCH 3 - PROGRESS: at 65.22% examples, 51879
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:42,483 : INFO : EPOCH 3 - PROGRESS: at 66.10% examples, 51892
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:36:54,155 : INFO : EPOCH 3 - PROGRESS: at 73.56% examples, 51730
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:09,352 : INFO : EPOCH 3 - PROGRESS: at 83.95% examples, 51575
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:10,442 : INFO : EPOCH 3 - PROGRESS: at 84.94% examples, 51614
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:13,719 : INFO : EPOCH 3 - PROGRESS: at 86.69% examples, 51571
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:14,935 : INFO : EPOCH 3 - PROGRESS: at 87.40% examples, 51566
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:27,013 : INFO : EPOCH 3 - PROGRESS: at 97.06% examples, 51774
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:28,228 : INFO : EPOCH 3 - PROGRESS: at 98.10% examples, 51765


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words/s, in_qsize 4, out_qsize 1
2023-11-07 18:37:29,395 : INFO : EPOCH 3 - PROGRESS: at 98.92% examples, 51770
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:30,449 : INFO : EPOCH 3 - PROGRESS: at 99.84% examples, 51799
words/s, in_qsize 2, out_qsize 1
2023-11-07 18:37:30,518 : INFO : EPOCH 3: training on 10766283 raw words
(7341892 effective words) took 141.5s, 51870 effective words/s
2023-11-07 18:37:31,607 : INFO : EPOCH 4 - PROGRESS: at 0.85% examples, 44306
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:32,682 : INFO : EPOCH 4 - PROGRESS: at 1.81% examples, 50446
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:33,881 : INFO : EPOCH 4 - PROGRESS: at 2.60% examples, 50655
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:35,013 : INFO : EPOCH 4 - PROGRESS: at 3.63% examples, 51553
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:36,228 : INFO : EPOCH 4 - PROGRESS: at 4.43% examples, 51294
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:37,237 : INFO : EPOCH 4 - PROGRESS: at 4.84% examples, 50713
words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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2023-11-07 18:37:46,488 : INFO : EPOCH 4 - PROGRESS: at 11.32% examples, 51615
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:37:54,399 : INFO : EPOCH 4 - PROGRESS: at 17.91% examples, 52480

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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:38:21,522 : INFO : EPOCH 4 - PROGRESS: at 37.40% examples, 52288

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words/s, in_qsize 6, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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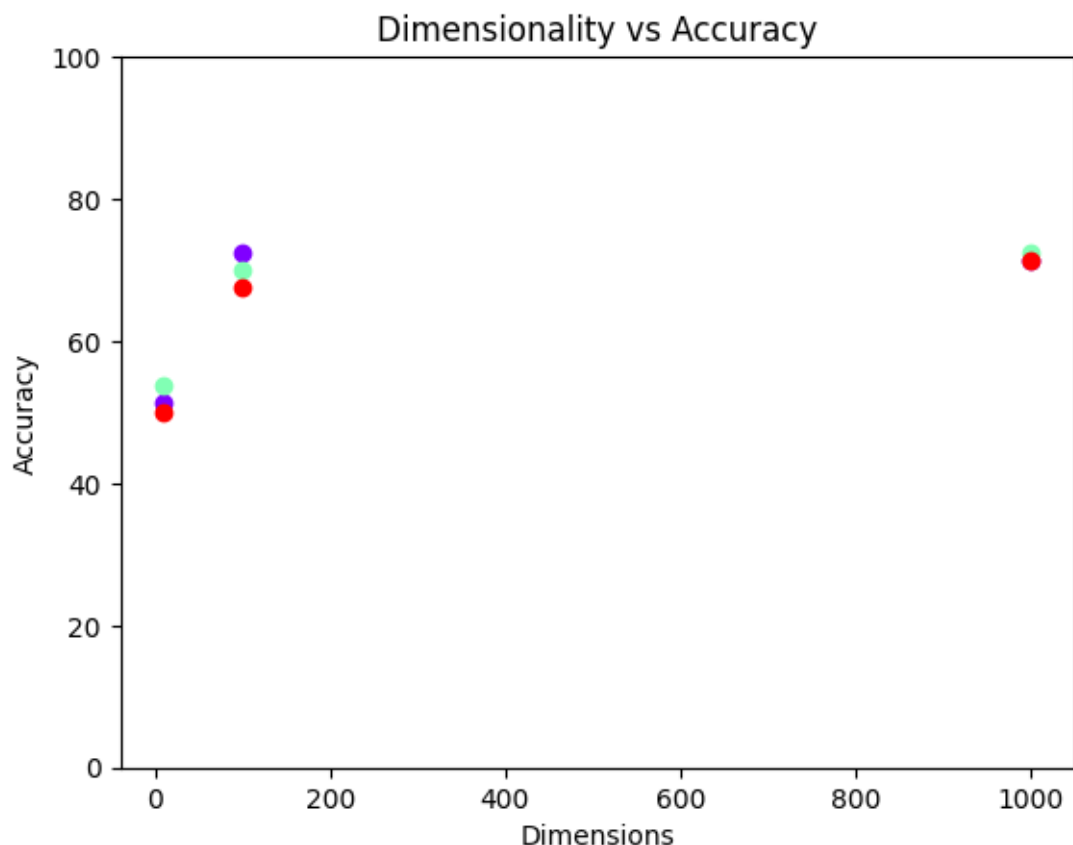
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2023-11-07 18:38:57,375 : INFO : EPOCH 4 - PROGRESS: at 61.90% examples, 52271
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2023-11-07 18:38:59,610 : INFO : EPOCH 4 - PROGRESS: at 63.46% examples, 52194
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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words/s, in_qsize 5, out_qsize 0
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 words/s, in_qsize 5, out_qsize 0
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 2023-11-07 18:39:27,971 : INFO : EPOCH 4 - PROGRESS: at 82.89% examples, 52128
 words/s, in_qsize 6, out_qsize 0
 2023-11-07 18:39:28,992 : INFO : EPOCH 4 - PROGRESS: at 83.55% examples, 52132
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:30,057 : INFO : EPOCH 4 - PROGRESS: at 84.26% examples, 52119
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:31,171 : INFO : EPOCH 4 - PROGRESS: at 85.25% examples, 52142
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:32,244 : INFO : EPOCH 4 - PROGRESS: at 85.71% examples, 52070
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:33,303 : INFO : EPOCH 4 - PROGRESS: at 86.28% examples, 52070
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:34,358 : INFO : EPOCH 4 - PROGRESS: at 86.90% examples, 52073
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:35,440 : INFO : EPOCH 4 - PROGRESS: at 87.40% examples, 52008
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:36,614 : INFO : EPOCH 4 - PROGRESS: at 88.34% examples, 52010
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:37,917 : INFO : EPOCH 4 - PROGRESS: at 89.05% examples, 51959
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:39,036 : INFO : EPOCH 4 - PROGRESS: at 90.08% examples, 51982
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:40,050 : INFO : EPOCH 4 - PROGRESS: at 90.95% examples, 52043
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:41,179 : INFO : EPOCH 4 - PROGRESS: at 91.94% examples, 52057
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:42,320 : INFO : EPOCH 4 - PROGRESS: at 92.85% examples, 52066
 words/s, in_qsize 5, out_qsize 0
 2023-11-07 18:39:43,536 : INFO : EPOCH 4 - PROGRESS: at 93.73% examples, 52051

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words/s, in_qsize 5, out_qsize 0
2023-11-07 18:39:44,717 : INFO : EPOCH 4 - PROGRESS: at 94.58% examples, 52049
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:39:45,931 : INFO : EPOCH 4 - PROGRESS: at 95.47% examples, 52036
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:39:46,972 : INFO : EPOCH 4 - PROGRESS: at 96.37% examples, 52083
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:39:48,057 : INFO : EPOCH 4 - PROGRESS: at 97.39% examples, 52117
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:39:49,235 : INFO : EPOCH 4 - PROGRESS: at 98.41% examples, 52117
words/s, in_qsize 5, out_qsize 0
2023-11-07 18:39:50,510 : INFO : EPOCH 4 - PROGRESS: at 99.22% examples, 52078
words/s, in_qsize 6, out_qsize 0
2023-11-07 18:39:51,393 : INFO : EPOCH 4: training on 10766283 raw words
(7341760 effective words) took 140.9s, 52121 effective words/s
2023-11-07 18:39:51,395 : INFO : Word2Vec lifecycle event {'msg': 'training on
53831415 raw words (36710920 effective words) took 732.3s, 50128 effective
words/s', 'datetime': '2023-11-07T18:39:51.395259', 'gensim': '4.2.0', 'python':
'3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)]', 'platform': 'Windows-10-10.0.19045-SP0', 'event': 'train'}
2023-11-07 18:39:51,396 : INFO : Word2Vec lifecycle event {'params':
'Word2Vec<vocab=70583, vector_size=1000, alpha=0.025>', 'datetime':
'2023-11-07T18:39:51.396255', 'gensim': '4.2.0', 'python': '3.10.2
(tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)]',
'platform': 'Windows-10-10.0.19045-SP0', 'event': 'created'}
70583
Threshold freq = 0.00055 Percentage of correct answers: 71.25%
Dimension 10 with Accuracy 51.25
Dimension 10 with Accuracy 53.75
Dimension 10 with Accuracy 50.0
Dimension 100 with Accuracy 72.5
Dimension 100 with Accuracy 70.0
Dimension 100 with Accuracy 67.5
Dimension 1000 with Accuracy 71.25
Dimension 1000 with Accuracy 72.5
Dimension 1000 with Accuracy 71.25

```



1 Word2Vec

1.1 Report the accuracy on TOEFL for all simulations

See the plot and the specified values above it.

1.2 Elaborate how accuracy changes with the dimensionality

The accuracy seems to taper off the higher dimensions go. The biggest increase seems to be around 0->100. It settles at around 70%. Higher dimensionality seemed to affect how many of the test runs converged to around 70%. Seen from plot where more dots are closer together at dimension 1000 compared to dimension 100.

1.3 Word2Vec compared to RI

Compared to RI it had less variation on the results for the a given dimensionality. In our results it seems that Word2Vec performed better in terms of variation on dimension 1000. Word2Vec took longer for us. 5 epochs for each simulation for one dimension.