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1 C:\Users\super1\anaconda3\envs\NLP\python.exe C:/
  Users/super1/PycharmProjects/NLPweek3/main.py
2 confusion matrix:
3 [[ 527   86  128    5   20   30   23   31   16    8
   18   19    0   23
4     7]
5 [  30 3422  184   40   37   21   48   86   40   54
   122   53    0   38
6     30]
7 [ 117  443 4480  120   57   12   87   93  101   48
   118   95    0   51
8     87]
9 [  19  225  227 4629   45   12   58   63   53   45
   61   85    0   27
10    86]
11 [  6  219   57   37 2811   86   88   71  317   43
   60  117   11  108
12    32]
13 [  8   72   30   19  103 2180   38   27   27   10
   86   17    0   28
14    6]
15 [  17  271  129   35   92   21 4325   37  139   48
   135   46    0   48
16    25]
17 [  9  294  108   51   57   34   47 3180   66   40
   57   44    0   43
18    29]
19 [  10  196  108   32  355   34  149   96 4952   61
   43   62    0   50
20    84]
21 [  14  227  100   43   27    3   66   46   66 2669
   52  333    0   39
22    63]
23 [  17  406  116   41   48   34   80   36   45   47
   2128   93    0   63
24    59]
25 [  32  179  125   32   76   34   45   65   64  274
   95 2954    0   27
26    34]
27 [  0    2    0    0   36    1    3    0    3    0
   0    0    5    1

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28     0]
29  [  28  260   66   26  154   53   67   66   69   35
    93   46   0 1920
30     15]
31  [   8  164  138  118   37    9   57   38  105   60
    40   19    0   18
32  3584]]
33
34 accuracy:  0.762420737230855
35
36 classification report:
37                precision    recall  f1-score
38  support
39          100          0.63          0.56          0.59          941
40          101          0.53          0.81          0.64          4205
41          102          0.75          0.76          0.75          5909
42          103          0.89          0.82          0.85          5635
43          104          0.71          0.69          0.70          4063
44          106          0.85          0.82          0.84          2651
45          107          0.83          0.81          0.82          5368
46          108          0.81          0.78          0.80          4059
47          109          0.82          0.79          0.81          6232
48          110          0.78          0.71          0.74          3748
49          112          0.68          0.66          0.67          3213
50          113          0.74          0.73          0.74          4036
51          114          0.31          0.10          0.15           51
52          115          0.77          0.66          0.71          2898
53          116          0.87          0.82          0.84          4395
54
55      accuracy                0.76          57404
56      macro avg          0.73          0.70          0.71          57404
57      weighted avg          0.77          0.76          0.76          57404
58
59
60  ████████,██████
61

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