Test size: 0.8
Model: base_MLP_2.5
HyperParams:

Classifications: Emotions
Confusion Matrix:
View Visual matrix at:
./precision/confusion_matrix_figures/base_MLP_2.5_emotions_0.png
```
[[ 3844   67    7   12   41    3    2   12    2    6   24    0
     0    0    0  135    0  108  292    0 3709  100    0    1
     0    2    3   36]
 [ 143 2323   10   13    8    0    2    6    1    3   14    2
     0    0    0   32    0   43   53    0 2220   24    0    2
     0    8    4   18]
 [  56   31  274  140   13    2    2   10    1   11   52   11
     0    0    1   16    0   16   22    0 3515   17    0    2
     0   11    5    5]
 [ 128  130  110  198   41    7   15   37    1   19  115   11
     0    0    0   53    0   19   62    0 5615   35    0    5
     0   27   11   26]
 [ 505  101    6   45  365   13    6   14    3   12   98    8
     0    1    0   57    0   46  120    0 7455  116    0    4
     0   17   10   11]
 [ 119   13    7   20   23   48    4   13    3    3   30    1
     0    0    0   24    0   45   45    0 2212  157    0    4
     0   46    4    1]
 [  64   57   13   15   16    3  151   64    0    1   63    2
     0    0    1   16    0   13   26    0 3400    6    0    2
     0    8    5   12]
 [  77   47    5   19   20    3   21  352    4    3   18    1
     0    2    0   18    0   14   37    0 3998   19    0    1
     0   13    0   27]
 [  66   21    1    1   10    3    2    8   62    0    9    1
     0    0    0    9    0   17   56    0 1349  130    0    1
     0    1    2    1]
 [  79   39   24   34   37    3    9   10    3   57   60   11
     0    2    2   19    0   15   32    0 3186   39    0    4
     0   43   38   15]
 [ 101   92   27   59   65    5   18   15    0   28  248    9
     0    0    0   37    0   18   41    0 5271   39    0    6
     0   29   13   19]
 [  39   26   56   56   13    1    5    3    0   14   37  142
     0    0    0    4    0    3   14    0 1878   18    0    3
     0    5    0    9]
 [  23   22    7   15   10    0    6    5    0    3   25    3
     0    0    0    7    0    1    8    0  987    9    0    1
     0   25    0    3]
 [ 230   32    9    7   10    3    2   13    0    2    7    1
     0   64    0   23    0  151   56    0 1752   26    0    1
     0    2    1   25]
 [  22   24   10    8   13    2    0    2    0    7   13    3
     0    0   24    2    0    1    8    0 1242   14    0    4
     0    3    1    3]]
```

```
[ 347   28    0    2    9    2    4    3    1    0    4    0
    0    0    0 4268    0  125   36    0  637   98    0    1
    0   79    6    1]
[   8    5    0    4    1    0    0    0    1    3    3    0
    0    0    0    4    0    2    0    0  232    4    0    0
    0   14    5    0]
[ 287  306    7    3   28    4    4    6    3    1    9    2
    0    4    0   63    0  657  179    0 1811   46    0    1
    0    3    4   10]
[ 223   38    2    2   12    0    1    5    0    0    7    0
    0    0    0   22    0   27 2411    0 1225   19    0    3
    0    3    1    1]
[   7    2    6    9    7    2    2    3    0    7    6    1
    0    0    1    3    0    0    2    0  556   10    0    0
    0    4    5    1]
[ 1099  605  105  225  289   36   92  204   20   65  389   25
    0    7    5  219    0  196  501    0 39417  361    0   36
    0  103   56   93]
[ 202   42    0   11   39    7    6    8   10    8   31    0
    0    2    0   34    0   40   46    0 2113 1022    0    3
    0    5    4    5]
[  86    7    1    1    2    0    0    1    0    4    3    0
    0    0    0   10    0   22    4    0  413    6    0    0
    0    1    4    2]
[ 100   49    6   17   39    0    8    7    1   10   54    3
    0    1    0   15    0   13   36    0 3331   24    0   35
    0   23    5   21]
[  45    6    3    4    3    0    0    1    0    1    2    0
    0    0    0   44    0   51    3    0  443   11    0    3
    0    0    1    0]
[  20   15    1    2    9    4    6    5    1    6    7    0
    0    0    0    5    0    2    5    0  552   15    0    0
    0  506   11    1]
[  42   43    4   27   18    3    4    4    2   27   32    4
    0    0    1   12    0   14   20    0 2288   32    0    2
    0  246  266    5]
[ 158   22   15    8   14    0    9   19    1    6   21    1
    0    3    0    8    0   19   14    0 2132   10    0    6
    0    3    2  288]]
```
Classsification Report:
View formatted classification report at:
./precision/classification_reports/base_MLP_2.5_0.txt

	precision	recall	f1-score	support
admiration	0.47	0.46	0.47	8406
amusement	0.55	0.47	0.51	4929
anger	0.38	0.07	0.11	4213
annoyance	0.21	0.03	0.05	6665
approval	0.32	0.04	0.07	9013
caring	0.31	0.02	0.03	2822
confusion	0.40	0.04	0.07	3938
curiosity	0.42	0.07	0.13	4699
desire	0.52	0.04	0.07	1750

	precision	recall	f1-score	support
disappointment	0.19	0.02	0.03	3761
disapproval	0.18	0.04	0.07	6140
disgust	0.59	0.06	0.11	2326
embarrassment	0.00	0.00	0.00	1160
excitement	0.74	0.03	0.05	2417
fear	0.69	0.02	0.03	1406
gratitude	0.83	0.76	0.79	5651
grief	0.00	0.00	0.00	286
joy	0.39	0.19	0.26	3438
love	0.58	0.60	0.59	4002
nervousness	0.00	0.00	0.00	634
neutral	0.38	0.89	0.54	44148
optimism	0.42	0.28	0.34	3638
pride	0.00	0.00	0.00	567
realization	0.27	0.01	0.02	3798
relief	0.00	0.00	0.00	621
remorse	0.41	0.43	0.42	1173
sadness	0.57	0.09	0.15	3096
surprise	0.45	0.10	0.17	2759
accuracy			0.41	137456
macro avg	0.37	0.17	0.18	137456
weighted avg	0.40	0.41	0.32	137456

Classifications: Emotions
Confusion Matrix:
View Visual matrix at:
./precision/confusion_matrix_figures/base_MLP_2.5_sentiments_0.png
[[3481 2770 6394 2549]
 [1257 15895 9766 3942]
 [2580 8649 23799 9120]
 [1271 4535 11369 30079]]
Classsification Report:
View formatted classification report at:
./precision/classification_reports/base_MLP_2.5_1.txt

	precision	recall	f1-score	support
ambiguous	0.41	0.23	0.29	15194
negative	0.50	0.52	0.51	30860
neutral	0.46	0.54	0.50	44148
positive	0.66	0.64	0.65	47254
accuracy			0.53	137456
macro avg	0.51	0.48	0.49	137456
weighted avg	0.53	0.53	0.53	137456