```
Model: top_DecisionTree
HyperParams:
  "criterion": [
     "entropy"
  ],
"max_depth": [
    2,
    5
  "min_samples_split": [
    2,
}
Classifications: Emotions
Confusion Matrix:
View Visual matrix at:
./precision/confusion_matrix_figures/top_DecisionTree_emotions_0.png
   0
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```

[0 0 0	17 5 0	0 0 0	0] 0 1	0	0	0 2	0	0 574	0	0	0			
[0 0	3 4 0	0 0	0] 0 2	0	0	0 5	0	0 286	0	0	0			
[0 0 0	6 4 0	0 0 0	0] 0 1	0	0	0 11	0	0 581	0 0	0 0	0 0			
[0 0 0	0 4 0	0 0 0	0] 0 0	0	0	0	0	0 310	0	0	0			
[0 0 0	1 2 0		0] 0 033	0 0	0 0	0 16	0	0 0 33	0 5	0 0	0 0	0		
[0 0 0	23 0 0	0 0 0	0] 0 0	0	0	0	0	0 51	0	0	0			
[0	6 28 0	0 0	0] 0 4	0	0	0 46	0	0 735	0	0	0			
[0 0 0	1 11 0	0 0	0] 0 5	1	0	0 632	0	0 353	0	0	0)		
[0 0 0	2 0 0	0 0 0	0] 0 1	0	0	0	0	0 185	0	0	0			
[0 0 0	1 116 0	0 0	0] 0 52	0	0 0	0 139	0	0 0 1072	0 24	0	0	0		
[0 0 0	36 6 0	0 0 0	0] 0 3	0	0	0 17	0	0 885	0 0	0 0	0 0			
[0 0 0	3 1 0 0	0 0 0 0	0] 0 1	0	0	0	0	0 155	0	0	0			
[0 0 0	10 0 6	0 0 0	0] 0 4 0]	0	0	0 10	0	0 942	0	0	0			
[0 0 0	2 0 0	0 0 0	0	0	0	0 2	0	0 144	0	0	0			
[0	0 0 0 163	0	0] 0 0	0	0	0	0	0 109	0	0	0			
[0 0 0	5 0	0 0 0	0] 0 2	0	0	0 5	0	0 696	0	0	0			
[0 0 0	87 4 0 2	0 0 0 0	0] 0 2 0]]	0	0	0	0	0 680	0	0	0			
Classsification Report:															

View formatted classification report at: ./precision/classification_reports/top_DecisionTree_0.txt precision recall f1-score support

admiration	0.00			2134
amusemen			_	
anger	0.00	0.00	0.00	1062
annoyance				
approval	0.00	0.00	0.00	2226
caring	0.00	0.00	0.00	669
confusion	0.00	0.00	0.00	965
curiosity	0.00	0.00	0.00	1143
desire	0.00	0.00	0.00	439
disappointmer			0.0	0 970
disapproval	0.00	0.00	0.00	1537
disgust	0.00	0.00	0.00	585
embarrassme			.00 0.	00 303
excitement	0.00	0.00	0.00	597
fear	0.00	0.00	0.00	317
gratitude	0.86	0.73	0.79	1409
grief	0.00	0.00	0.00	58
joy	0.00	0.00	0.00	814
love	0.56	0.63	0.59	1004
nervousness	0.0	0.0	0.0	0 187
neutral	0.35	0.97	0.51	11067
optimism	0.00	0.00	0.00	914
pride	0.00	0.00	0.00	157
realization	0.00	0.00	0.00	972
relief	0.00	0.00	0.00	156
remorse	0.39	0.60	0.47	272
sadness	0.00	0.00	0.00	795
surprise	0.00	0.00	0.00	691
accuracy		(D.38 3	4364
macro avg	0.10			
weighted avo		_		
2191112 31 311 3	,			

```
Classifications: Emotions
Confusion Matrix:
View Visual matrix at:
./precision/confusion_matrix_figures/top_DecisionTree_sentiments_0.png
        0 3629 141]
   1
       5 7442 327
1 10545 521]
   0
   0
       2 8639 3111]]
Classification Report:
View formatted classification report at:
./precision/classification_reports/top_DecisionTree_1.txt
        precision recall f1-score support
 ambiguous
                 1.00
                         0.00
                                         3771
                                0.00
  negative
               0.62
                       0.00
                               0.00
                                       7774
                                     11067
  neutral
              0.35
                      0.95
                              0.51
  positive
              0.76
                      0.26
                              0.39
                                     11752
  accuracy
                           0.40 34364
                                       34364
  macro avg
                0.68
                        0.30
                                0.23
```

0.30

34364

weighted avg

0.62

0.40