

Train on 87393 samples, validate on 21849 samples

Epoch 1/20
87393/87393 [=====] - 7s 79us/step - loss: 1.2008
- acc: 0.5284 - f1_m: 0.3717 - precision_m: 0.5366 - recall_m: 0.3163 -
val_loss: 1.0823 - val_acc: 0.5661 - val_f1_m: 0.5207 - val_precision_m:
0.6487 - val_recall_m: 0.4350

Epoch 2/20
87393/87393 [=====] - 6s 74us/step - loss: 1.0397
- acc: 0.5914 - f1_m: 0.5332 - precision_m: 0.6695 - recall_m: 0.4448 -
val_loss: 1.0461 - val_acc: 0.5844 - val_f1_m: 0.5480 - val_precision_m:
0.6503 - val_recall_m: 0.4738

Epoch 3/20
87393/87393 [=====] - 6s 74us/step - loss: 1.0056
- acc: 0.6033 - f1_m: 0.5531 - precision_m: 0.6765 - recall_m: 0.4689 -
val_loss: 1.0274 - val_acc: 0.5937 - val_f1_m: 0.5503 - val_precision_m:
0.6646 - val_recall_m: 0.4698

Epoch 4/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9838
- acc: 0.6132 - f1_m: 0.5675 - precision_m: 0.6846 - recall_m: 0.4851 -
val_loss: 1.0254 - val_acc: 0.5945 - val_f1_m: 0.5609 - val_precision_m:
0.6555 - val_recall_m: 0.4903

Epoch 5/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9723
- acc: 0.6175 - f1_m: 0.5746 - precision_m: 0.6853 - recall_m: 0.4950 -
val_loss: 1.0175 - val_acc: 0.6003 - val_f1_m: 0.5565 - val_precision_m:
0.6636 - val_recall_m: 0.4793

Epoch 6/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9660
- acc: 0.6215 - f1_m: 0.5786 - precision_m: 0.6860 - recall_m: 0.5008 -
val_loss: 1.0180 - val_acc: 0.6013 - val_f1_m: 0.5630 - val_precision_m:
0.6598 - val_recall_m: 0.4911

Epoch 7/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9589
- acc: 0.6223 - f1_m: 0.5823 - precision_m: 0.6876 - recall_m: 0.5054 -
val_loss: 1.0168 - val_acc: 0.5982 - val_f1_m: 0.5615 - val_precision_m:
0.6620 - val_recall_m: 0.4877

Epoch 8/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9520
- acc: 0.6258 - f1_m: 0.5862 - precision_m: 0.6895 - recall_m: 0.5101 -
val_loss: 1.0152 - val_acc: 0.6014 - val_f1_m: 0.5671 - val_precision_m:
0.6571 - val_recall_m: 0.4989

Epoch 9/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9481
- acc: 0.6271 - f1_m: 0.5886 - precision_m: 0.6909 - recall_m: 0.5129 -
val_loss: 1.0144 - val_acc: 0.6035 - val_f1_m: 0.5674 - val_precision_m:
0.6603 - val_recall_m: 0.4976

Epoch 10/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9467
- acc: 0.6278 - f1_m: 0.5900 - precision_m: 0.6899 - recall_m: 0.5157 -
val_loss: 1.0169 - val_acc: 0.6005 - val_f1_m: 0.5618 - val_precision_m:
0.6616 - val_recall_m: 0.4882

Epoch 11/20
87393/87393 [=====] - 7s 75us/step - loss: 0.9449
- acc: 0.6271 - f1_m: 0.5900 - precision_m: 0.6905 - recall_m: 0.5155 -

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val_loss: 1.0197 - val_acc: 0.6007 - val_f1_m: 0.5674 - val_precision_m:
0.6566 - val_recall_m: 0.4996
Epoch 12/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9444
- acc: 0.6270 - f1_m: 0.5907 - precision_m: 0.6889 - recall_m: 0.5175 -
val_loss: 1.0347 - val_acc: 0.5945 - val_f1_m: 0.5747 - val_precision_m:
0.6395 - val_recall_m: 0.5219
Epoch 13/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9373
- acc: 0.6311 - f1_m: 0.5940 - precision_m: 0.6918 - recall_m: 0.5207 -
val_loss: 1.0134 - val_acc: 0.6034 - val_f1_m: 0.5614 - val_precision_m:
0.6646 - val_recall_m: 0.4861
Epoch 14/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9361
- acc: 0.6314 - f1_m: 0.5939 - precision_m: 0.6925 - recall_m: 0.5202 -
val_loss: 1.0193 - val_acc: 0.6000 - val_f1_m: 0.5544 - val_precision_m:
0.6618 - val_recall_m: 0.4771
Epoch 15/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9338
- acc: 0.6319 - f1_m: 0.5959 - precision_m: 0.6931 - recall_m: 0.5229 -
val_loss: 1.0132 - val_acc: 0.6039 - val_f1_m: 0.5713 - val_precision_m:
0.6616 - val_recall_m: 0.5028
Epoch 16/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9333
- acc: 0.6337 - f1_m: 0.5966 - precision_m: 0.6936 - recall_m: 0.5237 -
val_loss: 1.0136 - val_acc: 0.6009 - val_f1_m: 0.5628 - val_precision_m:
0.6657 - val_recall_m: 0.4876
Epoch 17/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9418
- acc: 0.6283 - f1_m: 0.5921 - precision_m: 0.6869 - recall_m: 0.5211 -
val_loss: 1.0146 - val_acc: 0.6035 - val_f1_m: 0.5723 - val_precision_m:
0.6598 - val_recall_m: 0.5053
Epoch 18/20
87393/87393 [=====] - 6s 73us/step - loss: 0.9291
- acc: 0.6339 - f1_m: 0.5989 - precision_m: 0.6947 - recall_m: 0.5266 -
val_loss: 1.0142 - val_acc: 0.6030 - val_f1_m: 0.5685 - val_precision_m:
0.6616 - val_recall_m: 0.4984
Epoch 19/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9286
- acc: 0.6336 - f1_m: 0.5982 - precision_m: 0.6934 - recall_m: 0.5263 -
val_loss: 1.0154 - val_acc: 0.6029 - val_f1_m: 0.5671 - val_precision_m:
0.6673 - val_recall_m: 0.4932
Epoch 20/20
87393/87393 [=====] - 6s 74us/step - loss: 0.9279
- acc: 0.6344 - f1_m: 0.5990 - precision_m: 0.6944 - recall_m: 0.5269 -
val_loss: 1.0143 - val_acc: 0.6048 - val_f1_m: 0.5676 - val_precision_m:
0.6625 - val_recall_m: 0.4965
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