```
Epoch 1 =>  loss : 1.19;   Accuracy : 45.19%;   Val_loss : 1.03;   Val_Accuracy : 51.27%
Epoch 2 =>  loss : 1.17;   Accuracy : 50.09%;   Val_loss : 1.66;   Val_Accuracy : 68.18%
Epoch 3 =>  loss : 1.67;   Accuracy : 53.77%;   Val_loss : 1.05;   Val_Accuracy : 72.55%
Epoch 4 =>  loss : 0.82;   Accuracy : 54.54%;   Val_loss : 0.86;   Val_Accuracy : 78.55%
Epoch 5 =>  loss : 0.79;   Accuracy : 57.90%;   Val_loss : 1.04;   Val_Accuracy : 77.82%
Epoch 6 =>  loss : 1.30;   Accuracy : 64.21%;   Val_loss : 0.81;   Val_Accuracy : 77.82%
Epoch 7 =>  loss : 1.31;   Accuracy : 66.26%;   Val_loss : 1.04;   Val_Accuracy : 78.36%
Epoch 8 =>  loss : 1.11;   Accuracy : 69.30%;   Val_loss : 0.82;   Val_Accuracy : 79.45%
Epoch 9 =>  loss : 0.91;   Accuracy : 70.98%;   Val_loss : 0.87;   Val_Accuracy : 80.91%
Epoch 10 =>  loss : 0.88;   Accuracy : 73.61%;   Val_loss : 1.03;   Val_Accuracy : 80.91%
Epoch 11 =>  loss : 0.52;   Accuracy : 75.89%;   Val_loss : 0.71;   Val_Accuracy : 80.36%
Epoch 12 =>  loss : 0.50;   Accuracy : 75.98%;   Val_loss : 0.64;   Val_Accuracy : 81.64%
Epoch 13 =>  loss : 0.52;   Accuracy : 76.57%;   Val_loss : 0.68;   Val_Accuracy : 79.82%
Epoch 14 =>  loss : 0.93;   Accuracy : 79.47%;   Val_loss : 0.55;   Val_Accuracy : 83.64%
Epoch 15 =>  loss : 0.52;   Accuracy : 80.29%;   Val_loss : 0.52;   Val_Accuracy : 85.09%
Epoch 16 =>  loss : 0.89;   Accuracy : 80.93%;   Val_loss : 0.60;   Val_Accuracy : 87.27%
Epoch 17 =>  loss : 1.27;   Accuracy : 80.34%;   Val_loss : 0.46;   Val_Accuracy : 84.36%
Epoch 18 =>  loss : 0.73;   Accuracy : 83.02%;   Val_loss : 0.26;   Val_Accuracy : 87.27%
Epoch 19 =>  loss : 1.33;   Accuracy : 81.15%;   Val_loss : 0.57;   Val_Accuracy : 87.64%
Epoch 20 =>  loss : 0.26;   Accuracy : 82.70%;   Val_loss : 0.30;   Val_Accuracy : 87.45%
Epoch 21 =>  loss : 1.22;   Accuracy : 83.11%;   Val_loss : 0.35;   Val_Accuracy : 88.18%
Epoch 22 =>  loss : 0.20;   Accuracy : 83.65%;   Val_loss : 0.36;   Val_Accuracy : 88.18%
Epoch 23 =>  loss : 0.82;   Accuracy : 83.65%;   Val_loss : 0.16;   Val_Accuracy : 87.82%
Epoch 24 =>  loss : 0.19;   Accuracy : 84.38%;   Val_loss : 0.28;   Val_Accuracy : 88.00%
Epoch 25 =>  loss : 0.98;   Accuracy : 84.60%;   Val_loss : 0.28;   Val_Accuracy : 88.36%
Epoch 26 =>  loss : 0.40;   Accuracy : 84.24%;   Val_loss : 0.48;   Val_Accuracy : 89.45%
Epoch 27 =>  loss : 0.28;   Accuracy : 83.97%;   Val_loss : 0.26;   Val_Accuracy : 88.00%
Epoch 28 =>  loss : 0.78;   Accuracy : 84.74%;   Val_loss : 0.34;   Val_Accuracy : 87.27%
Epoch 29 =>  loss : 1.43;   Accuracy : 83.61%;   Val_loss : 0.52;   Val_Accuracy : 91.09%
Epoch 30 =>  loss : 0.25;   Accuracy : 85.51%;   Val_loss : 0.29;   Val_Accuracy : 90.18%
Epoch 31 =>  loss : 0.22;   Accuracy : 85.92%;   Val_loss : 0.11;   Val_Accuracy : 87.82%
Epoch 32 =>  loss : 1.13;   Accuracy : 83.51%;   Val_loss : 0.21;   Val_Accuracy : 91.27%
Epoch 33 =>  loss : 1.24;   Accuracy : 86.29%;   Val_loss : 0.19;   Val_Accuracy : 90.18%
Epoch 34 =>  loss : 0.74;   Accuracy : 85.33%;   Val_loss : 0.28;   Val_Accuracy : 91.27%
Epoch 35 =>  loss : 0.27;   Accuracy : 86.51%;   Val_loss : 0.22;   Val_Accuracy : 91.64%
Epoch 36 =>  loss : 1.00;   Accuracy : 85.06%;   Val_loss : 0.38;   Val_Accuracy : 90.55%
Epoch 37 =>  loss : 0.27;   Accuracy : 86.06%;   Val_loss : 0.11;   Val_Accuracy : 91.09%
Epoch 38 =>  loss : 1.05;   Accuracy : 87.24%;   Val_loss : 0.21;   Val_Accuracy : 91.27%
Epoch 39 =>  loss : 1.23;   Accuracy : 86.97%;   Val_loss : 0.18;   Val_Accuracy : 91.64%
Epoch 40 =>  loss : 0.47;   Accuracy : 86.60%;   Val_loss : 0.20;   Val_Accuracy : 92.36%
Epoch 41 =>  loss : 0.31;   Accuracy : 87.60%;   Val_loss : 0.40;   Val_Accuracy : 87.82%
Epoch 42 =>  loss : 0.39;   Accuracy : 86.69%;   Val_loss : 0.46;   Val_Accuracy : 91.64%
Epoch 43 =>  loss : 0.66;   Accuracy : 87.10%;   Val_loss : 0.38;   Val_Accuracy : 93.27%
Epoch 44 =>  loss : 0.15;   Accuracy : 88.24%;   Val_loss : 0.22;   Val_Accuracy : 92.91%
Epoch 45 =>  loss : 1.32;   Accuracy : 87.38%;   Val_loss : 0.31;   Val_Accuracy : 93.45%
Epoch 46 =>  loss : 0.49;   Accuracy : 86.56%;   Val_loss : 0.18;   Val_Accuracy : 93.64%
Epoch 47 =>  loss : 1.17;   Accuracy : 87.92%;   Val_loss : 0.21;   Val_Accuracy : 93.09%
Epoch 48 =>  loss : 0.36;   Accuracy : 88.60%;   Val_loss : 0.20;   Val_Accuracy : 89.45%
Epoch 49 =>  loss : 0.58;   Accuracy : 87.47%;   Val_loss : 0.39;   Val_Accuracy : 93.27%
Epoch 50 =>  loss : 0.52;   Accuracy : 88.15%;   Val_loss : 0.36;   Val_Accuracy : 91.45%
Epoch 51 =>  loss : 0.44;   Accuracy : 88.74%;   Val_loss : 0.24;   Val_Accuracy : 93.09%
Epoch 52 =>  loss : 0.62;   Accuracy : 89.37%;   Val_loss : 0.37;   Val_Accuracy : 93.45%
Epoch 53 =>  loss : 0.28;   Accuracy : 89.37%;   Val_loss : 0.26;   Val_Accuracy : 91.82%
Epoch 54 =>  loss : 0.02;   Accuracy : 88.87%;   Val_loss : 0.17;   Val_Accuracy : 94.00%
Epoch 55 =>  loss : 0.56;   Accuracy : 90.55%;   Val_loss : 0.25;   Val_Accuracy : 93.45%
Epoch 56 =>  loss : 0.31;   Accuracy : 89.10%;   Val_loss : 0.27;   Val_Accuracy : 94.18%
Epoch 57 =>  loss : 0.50;   Accuracy : 89.96%;   Val_loss : 0.31;   Val_Accuracy : 93.82%
Epoch 58 =>  loss : 0.19;   Accuracy : 89.46%;   Val_loss : 0.25;   Val_Accuracy : 92.00%
Epoch 59 =>  loss : 0.17;   Accuracy : 90.46%;   Val_loss : 0.17;   Val_Accuracy : 93.64%
Epoch 60 =>  loss : 0.63;   Accuracy : 89.96%;   Val_loss : 0.20;   Val_Accuracy : 94.18%
Epoch 61 =>  loss : 0.48;   Accuracy : 90.55%;   Val_loss : 0.32;   Val_Accuracy : 92.73%
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Epoch 62 =>  loss : 0.04;   Accuracy : 91.19%;   Val_loss : 0.13;   Val_Accuracy : 94.00%
Epoch 63 =>  loss : 0.45;   Accuracy : 90.60%;   Val_loss : 0.24;   Val_Accuracy : 94.55%
Epoch 64 =>  loss : 0.72;   Accuracy : 89.37%;   Val_loss : 0.44;   Val_Accuracy : 92.91%
Epoch 65 =>  loss : 0.04;   Accuracy : 89.78%;   Val_loss : 0.18;   Val_Accuracy : 94.55%
Epoch 66 =>  loss : 0.35;   Accuracy : 91.10%;   Val_loss : 0.20;   Val_Accuracy : 93.64%
Epoch 67 =>  loss : 0.24;   Accuracy : 90.01%;   Val_loss : 0.21;   Val_Accuracy : 93.82%
Epoch 68 =>  loss : 0.04;   Accuracy : 90.78%;   Val_loss : 0.27;   Val_Accuracy : 94.36%
Epoch 69 =>  loss : 1.01;   Accuracy : 90.51%;   Val_loss : 0.32;   Val_Accuracy : 93.64%
Epoch 70 =>  loss : 0.97;   Accuracy : 91.51%;   Val_loss : 0.12;   Val_Accuracy : 92.55%
Epoch 71 =>  loss : 0.47;   Accuracy : 91.37%;   Val_loss : 0.23;   Val_Accuracy : 93.64%
Epoch 72 =>  loss : 0.35;   Accuracy : 92.33%;   Val_loss : 0.03;   Val_Accuracy : 93.64%
Epoch 73 =>  loss : 0.20;   Accuracy : 90.92%;   Val_loss : 0.03;   Val_Accuracy : 95.27%
Epoch 74 =>  loss : 0.70;   Accuracy : 90.64%;   Val_loss : 0.14;   Val_Accuracy : 93.09%
Epoch 75 =>  loss : 0.80;   Accuracy : 90.19%;   Val_loss : 0.07;   Val_Accuracy : 94.00%
Epoch 76 =>  loss : 0.62;   Accuracy : 91.60%;   Val_loss : 0.03;   Val_Accuracy : 93.82%
Epoch 77 =>  loss : 1.36;   Accuracy : 90.78%;   Val_loss : 0.15;   Val_Accuracy : 94.55%
Epoch 78 =>  loss : 0.99;   Accuracy : 90.42%;   Val_loss : 0.19;   Val_Accuracy : 95.09%
Epoch 79 =>  loss : 1.12;   Accuracy : 92.28%;   Val_loss : 0.07;   Val_Accuracy : 93.82%
Epoch 80 =>  loss : 0.37;   Accuracy : 91.46%;   Val_loss : 0.14;   Val_Accuracy : 94.00%
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