

(BatchNormalization)		
Flatten (Flatten)	(None, 4096)	0
dense (Dense)	(None, 1024)	4,195,328
dense_1 (Dense)	(None, 512)	524,800
dense_2 (Dense)	(None, 6)	3,078

Total params: 8,657,030 (33.02 MB)

Trainable params: 8,654,022 (33.01 MB)

Non-trainable params: 3,008 (11.75 KB)

Epoch 1/30

298/298 — 89s 288ms/step - accuracy: 0.3226 - loss: 2.1120 - val_accuracy: 0.1713 - val_loss: 9.8709

Epoch 2/30

298/298 — 85s 287ms/step - accuracy: 0.4015 - loss: 1.4728 - val_accuracy: 0.3728 - val_loss: 1.8671

Epoch 3/30

298/298 — 86s 289ms/step - accuracy: 0.4515 - loss: 1.4031 - val_accuracy: 0.3661 - val_loss: 1.7996

Epoch 4/30

298/298 — 142s 287ms/step - accuracy: 0.4923 - loss: 1.2696 - val_accuracy: 0.2544 - val_loss: 2.8506

Epoch 5/30

298/298 — 85s 284ms/step - accuracy: 0.5506 - loss: 1.1939 - val_accuracy: 0.4517 - val_loss: 1.4200

Epoch 6/30

298/298 — 85s 287ms/step - accuracy: 0.5657 - loss: 1.1247 - val_accuracy: 0.4601 - val_loss: 1.3819

Epoch 7/30

298/298 — 144s 295ms/step - accuracy: 0.6057 - loss: 1.0518 - val_accuracy: 0.5130 - val_loss: 1.2513

Epoch 8/30

298/298 — 85s 285ms/step - accuracy: 0.6115 - loss: 0.9775 - val_accuracy: 0.2964 - val_loss: 2.5031

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Epoch 9/30

298/298 — 85s 286ms/step - accuracy: 0.6528 - loss: 0.9263 - val_accuracy: 0.4736 - val_loss: 1.4070

Epoch 10/30

298/298 — 143s 289ms/step - accuracy: 0.6877 - loss: 0.8184 - val_accuracy: 0.4828 - val_loss: 1.6401

Epoch 11/30

298/298 — 86s 289ms/step - accuracy: 0.7271 - loss: 0.7225 - val_accuracy: 0.5071 - val_loss: 1.5933

Epoch 12/30

298/298 — 86s 288ms/step - accuracy: 0.7742 - loss: 0.6316 - val_accuracy: 0.4861 - val_loss: 1.7559

Epoch 13/30

298/298 — 142s 288ms/step - accuracy: 0.7966 - loss: 0.5632 - val_accuracy: 0.4039 - val_loss: 2.2119

Epoch 14/30

298/298 — 86s 290ms/step - accuracy: 0.8445 - loss: 0.4330 - val_accuracy: 0.5659 - val_loss: 1.3311

Epoch 15/30

298/298 — 86s 288ms/step - accuracy: 0.8721 - loss: 0.3626 - val_accuracy: 0.5357 - val_loss: 1.6521

Epoch 16/30

298/298 — 85s 286ms/step - accuracy: 0.8868 - loss: 0.3070 - val_accuracy: 0.5793 - val_loss: 1.5801

Epoch 17/30

298/298 — 86s 290ms/step - accuracy: 0.9165 - loss: 0.2501 - val_accuracy: 0.5659 - val_loss: 1.6999

Epoch 18/30

298/298 — 87s 293ms/step - accuracy: 0.9241 - loss: 0.2069 - val_accuracy: 0.4996 - val_loss: 1.9270

Epoch 19/30

298/298 — 84s 281ms/step - accuracy: 0.9308 - loss: 0.2074 - val_accuracy: 0.5348 - val_loss: 1.7734

Epoch 20/30

298/298 — 141s 278ms/step - accuracy: 0.9511 - loss: 0.1497 - val_accuracy: 0.5466 - val_loss: 1.9643

Epoch 21/30

298/298 — 142s 278ms/step - accuracy: 0.9438 - loss: 0.1640 - val_accuracy: 0.5785 - val_loss: 1.7777

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298/298 144s 284ms/step - accuracy: 0.9710 - loss: 0.0916 - val_accuracy: 0.5466 - val_loss: 2.3413
Epoch 23/30
298/298 83s 280ms/step - accuracy: 0.9636 - loss: 0.1091 - val_accuracy: 0.5777 - val_loss: 1.8157
Epoch 24/30
298/298 83s 279ms/step - accuracy: 0.9608 - loss: 0.1178 - val_accuracy: 0.5264 - val_loss: 2.3004
Epoch 25/30
298/298 82s 274ms/step - accuracy: 0.9607 - loss: 0.1266 - val_accuracy: 0.5819 - val_loss: 2.1917
Epoch 26/30
298/298 81s 272ms/step - accuracy: 0.9735 - loss: 0.0826 - val_accuracy: 0.5768 - val_loss: 2.0785
Epoch 27/30
298/298 84s 278ms/step - accuracy: 0.9645 - loss: 0.1010 - val_accuracy: 0.5718 - val_loss: 1.9882
Epoch 28/30
298/298 81s 272ms/step - accuracy: 0.9681 - loss: 0.0899 - val_accuracy: 0.4139 - val_loss: 4.2563
Epoch 29/30
298/298 83s 278ms/step - accuracy: 0.9762 - loss: 0.0868 - val_accuracy: 0.5500 - val_loss: 2.4322
Epoch 30/30
298/298 82s 274ms/step - accuracy: 0.9740 - loss: 0.0741 - val_accuracy: 0.6037 - val_loss: 2.2325
47/47 4s 94ms/step - accuracy: 0.5813 - loss: 2.1900
Test Loss: 2.2607, Test Accuracy: 0.5789
47/47 5s 96ms/step
ubuntu@ip-10-1-3-207:~/DL_Project$
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