**aflw\_alexnet\_100\_epoch:** After changes to loss calculation

1. 100/100 [==============================] - 11s 110ms/step - loss: 1727.1194 - yaw\_loss: 625.7621 - pitch\_loss: 453.5065 - roll\_loss: 647.8506
2. 100/100 [==============================] - 11s 111ms/step - loss: 1436.8896 - yaw\_loss: 346.9436 - pitch\_loss: 450.3243 - roll\_loss: 639.6218
3. 100/100 [==============================] - 11s 110ms/step - loss: 1347.9008 - yaw\_loss: 257.5226 - pitch\_loss: 451.1996 - roll\_loss: 639.1785
4. 100/100 [==============================] - 11s 109ms/step - loss: 1287.3862 - yaw\_loss: 200.4888 - pitch\_loss: 450.1970 - roll\_loss: 636.7004
5. 100/100 [==============================] - 11s 111ms/step - loss: 1255.5729 - yaw\_loss: 174.2832 - pitch\_loss: 448.7191 - roll\_loss: 632.5707
6. 100/100 [==============================] - 11s 111ms/step - loss: 1226.6729 - yaw\_loss: 144.0410 - pitch\_loss: 449.3367 - roll\_loss: 633.2950
7. 100/100 [==============================] - 11s 109ms/step - loss: 1200.5737 - yaw\_loss: 131.0278 - pitch\_loss: 445.4257 - roll\_loss: 624.1203
8. 100/100 [==============================] - 11s 108ms/step - loss: 1182.9875 - yaw\_loss: 114.6815 - pitch\_loss: 445.6732 - roll\_loss: 622.6332
9. 100/100 [==============================] - 11s 110ms/step - loss: 1134.4795 - yaw\_loss: 104.7966 - pitch\_loss: 433.5980 - roll\_loss: 596.0846
10. 100/100 [==============================] - 12s 115ms/step - loss: 1101.7581 - yaw\_loss: 124.6765 - pitch\_loss: 417.0591 - roll\_loss: 560.0226
11. 100/100 [==============================] - 12s 123ms/step - loss: 1056.9280 - yaw\_loss: 103.8313 - pitch\_loss: 407.8245 - roll\_loss: 545.2723
12. 100/100 [==============================] - 12s 120ms/step - loss: 934.6066 - yaw\_loss: 100.8575 - pitch\_loss: 352.7475 - roll\_loss: 481.0014
13. 100/100 [==============================] - 12s 124ms/step - loss: 841.2612 - yaw\_loss: 99.9011 - pitch\_loss: 304.9194 - roll\_loss: 436.4405
14. 100/100 [==============================] - 12s 121ms/step - loss: 846.9860 - yaw\_loss: 90.5510 - pitch\_loss: 316.7496 - roll\_loss: 439.6852
15. 100/100 [==============================] - 12s 119ms/step - loss: 794.3776 - yaw\_loss: 87.4147 - pitch\_loss: 291.9098 - roll\_loss: 415.0529
16. 100/100 [==============================] - 12s 119ms/step - loss: 723.1291 - yaw\_loss: 79.5888 - pitch\_loss: 260.6152 - roll\_loss: 382.9252
17. 100/100 [==============================] - 12s 120ms/step - loss: 676.0667 - yaw\_loss: 62.9520 - pitch\_loss: 252.3151 - roll\_loss: 360.7997
18. 100/100 [==============================] - 12s 125ms/step - loss: 656.1428 - yaw\_loss: 65.7909 - pitch\_loss: 241.7466 - roll\_loss: 348.6053
19. 100/100 [==============================] - 12s 119ms/step - loss: 633.1729 - yaw\_loss: 56.6826 - pitch\_loss: 230.0188 - roll\_loss: 346.4716
20. 100/100 [==============================] - 12s 118ms/step - loss: 623.0546 - yaw\_loss: 56.8669 - pitch\_loss: 235.8581 - roll\_loss: 330.3295
21. 100/100 [==============================] - 12s 118ms/step - loss: 591.5939 - yaw\_loss: 52.7298 - pitch\_loss: 214.6178 - roll\_loss: 324.2460
22. 100/100 [==============================] - 12s 120ms/step - loss: 582.9557 - yaw\_loss: 53.0531 - pitch\_loss: 211.2234 - roll\_loss: 318.6792
23. 100/100 [==============================] - 11s 110ms/step - loss: 602.9487 - yaw\_loss: 70.4532 - pitch\_loss: 211.3692 - roll\_loss: 321.1264
24. 100/100 [==============================] - 11s 109ms/step - loss: 584.6817 - yaw\_loss: 48.9605 - pitch\_loss: 209.7475 - roll\_loss: 325.9736
25. 100/100 [==============================] - 11s 112ms/step - loss: 555.9922 - yaw\_loss: 45.4623 - pitch\_loss: 199.6550 - roll\_loss: 310.8749
26. 100/100 [==============================] - 12s 117ms/step - loss: 555.2040 - yaw\_loss: 45.4236 - pitch\_loss: 197.7171 - roll\_loss: 312.0634
27. 100/100 [==============================] - 12s 116ms/step - loss: 541.2362 - yaw\_loss: 45.0271 - pitch\_loss: 191.0498 - roll\_loss: 305.1595
28. 100/100 [==============================] - 12s 118ms/step - loss: 540.0010 - yaw\_loss: 42.3964 - pitch\_loss: 192.3823 - roll\_loss: 305.2224
29. 100/100 [==============================] - 12s 119ms/step - loss: 536.0859 - yaw\_loss: 42.7875 - pitch\_loss: 187.7192 - roll\_loss: 305.5790
30. 100/100 [==============================] - 12s 120ms/step - loss: 532.7598 - yaw\_loss: 43.7291 - pitch\_loss: 184.5083 - roll\_loss: 304.5224
31. 100/100 [==============================] - 12s 120ms/step - loss: 529.1252 - yaw\_loss: 42.0585 - pitch\_loss: 182.9059 - roll\_loss: 304.1608
32. 100/100 [==============================] - 12s 119ms/step - loss: 521.1782 - yaw\_loss: 41.2101 - pitch\_loss: 178.9192 - roll\_loss: 301.0488
33. 100/100 [==============================] - 12s 119ms/step - loss: 517.6623 - yaw\_loss: 37.1448 - pitch\_loss: 179.0101 - roll\_loss: 301.5073
34. 100/100 [==============================] - 12s 119ms/step - loss: 510.3538 - yaw\_loss: 37.9834 - pitch\_loss: 174.4417 - roll\_loss: 297.9288
35. 100/100 [==============================] - 12s 119ms/step - loss: 514.2227 - yaw\_loss: 40.8184 - pitch\_loss: 174.3985 - roll\_loss: 299.0058
36. 100/100 [==============================] - 12s 119ms/step - loss: 513.2996 - yaw\_loss: 39.0222 - pitch\_loss: 175.1626 - roll\_loss: 299.1148
37. 100/100 [==============================] - 12s 119ms/step - loss: 512.6870 - yaw\_loss: 39.2249 - pitch\_loss: 174.6852 - roll\_loss: 298.7767
38. 100/100 [==============================] - 12s 119ms/step - loss: 509.3445 - yaw\_loss: 38.6335 - pitch\_loss: 172.6185 - roll\_loss: 298.0926
39. 100/100 [==============================] - 12s 120ms/step - loss: 504.4936 - yaw\_loss: 37.3400 - pitch\_loss: 171.6862 - roll\_loss: 295.4674
40. 100/100 [==============================] - 11s 114ms/step - loss: 503.9762 - yaw\_loss: 36.1465 - pitch\_loss: 171.8439 - roll\_loss: 295.9857
41. 100/100 [==============================] - 11s 108ms/step - loss: 502.2696 - yaw\_loss: 37.5566 - pitch\_loss: 168.8316 - roll\_loss: 295.8814
42. 100/100 [==============================] - 11s 112ms/step - loss: 499.4351 - yaw\_loss: 35.9776 - pitch\_loss: 167.8213 - roll\_loss: 295.6362
43. 100/100 [==============================] - 11s 113ms/step - loss: 500.0975 - yaw\_loss: 35.9255 - pitch\_loss: 168.5747 - roll\_loss: 295.5973
44. 100/100 [==============================] - 11s 114ms/step - loss: 503.2715 - yaw\_loss: 38.4994 - pitch\_loss: 168.2152 - roll\_loss: 296.5570
45. 100/100 [==============================] - 12s 117ms/step - loss: 501.3778 - yaw\_loss: 36.2641 - pitch\_loss: 169.1450 - roll\_loss: 295.9686
46. 100/100 [==============================] - 12s 119ms/step - loss: 498.0812 - yaw\_loss: 36.3522 - pitch\_loss: 167.5214 - roll\_loss: 294.2075
47. 100/100 [==============================] - 12s 118ms/step - loss: 494.3483 - yaw\_loss: 35.1820 - pitch\_loss: 165.7119 - roll\_loss: 293.4544
48. 100/100 [==============================] - 12s 118ms/step - loss: 496.2869 - yaw\_loss: 35.8822 - pitch\_loss: 166.3972 - roll\_loss: 294.0074
49. 100/100 [==============================] - 11s 107ms/step - loss: 493.6137 - yaw\_loss: 34.8371 - pitch\_loss: 165.8742 - roll\_loss: 292.9023
50. 100/100 [==============================] - 11s 111ms/step - loss: 489.7904 - yaw\_loss: 35.4563 - pitch\_loss: 164.1978 - roll\_loss: 290.1364
51. 100/100 [==============================] - 11s 112ms/step - loss: 489.5061 - yaw\_loss: 35.6369 - pitch\_loss: 163.7708 - roll\_loss: 290.0982
52. 100/100 [==============================] - 12s 116ms/step - loss: 490.5626 - yaw\_loss: 35.7111 - pitch\_loss: 164.6329 - roll\_loss: 290.2186
53. 100/100 [==============================] - 12s 116ms/step - loss: 492.0330 - yaw\_loss: 35.3725 - pitch\_loss: 165.1622 - roll\_loss: 291.4983
54. 100/100 [==============================] - 12s 118ms/step - loss: 487.3651 - yaw\_loss: 34.3957 - pitch\_loss: 163.9512 - roll\_loss: 289.0180
55. 100/100 [==============================] - 12s 119ms/step - loss: 490.8196 - yaw\_loss: 34.0048 - pitch\_loss: 165.1690 - roll\_loss: 291.6458
56. 100/100 [==============================] - 12s 118ms/step - loss: 490.5773 - yaw\_loss: 35.5279 - pitch\_loss: 165.2547 - roll\_loss: 289.7946
57. 100/100 [==============================] - 11s 112ms/step - loss: 488.0269 - yaw\_loss: 34.2344 - pitch\_loss: 164.2714 - roll\_loss: 289.5211
58. 100/100 [==============================] - 11s 108ms/step - loss: 485.5295 - yaw\_loss: 33.9529 - pitch\_loss: 163.3665 - roll\_loss: 288.2103
59. 100/100 [==============================] - 11s 110ms/step - loss: 486.5560 - yaw\_loss: 34.4307 - pitch\_loss: 162.9999 - roll\_loss: 289.1252
60. 100/100 [==============================] - 11s 111ms/step - loss: 488.8658 - yaw\_loss: 34.5828 - pitch\_loss: 164.5763 - roll\_loss: 289.7066
61. 100/100 [==============================] - 13s 126ms/step - loss: 486.2745 - yaw\_loss: 34.7226 - pitch\_loss: 162.9590 - roll\_loss: 288.5929
62. 100/100 [==============================] - 13s 127ms/step - loss: 482.8137 - yaw\_loss: 33.4526 - pitch\_loss: 162.4112 - roll\_loss: 286.9498
63. 100/100 [==============================] - 13s 128ms/step - loss: 483.5584 - yaw\_loss: 33.3222 - pitch\_loss: 162.4858 - roll\_loss: 287.7504
64. 100/100 [==============================] - 12s 119ms/step - loss: 482.9295 - yaw\_loss: 33.5262 - pitch\_loss: 162.4553 - roll\_loss: 286.9480
65. 100/100 [==============================] - 12s 122ms/step - loss: 482.4942 - yaw\_loss: 34.1732 - pitch\_loss: 161.5473 - roll\_loss: 286.7738
66. 100/100 [==============================] - 12s 120ms/step - loss: 485.9164 - yaw\_loss: 33.7356 - pitch\_loss: 163.5018 - roll\_loss: 288.6792
67. 100/100 [==============================] - 12s 119ms/step - loss: 485.5847 - yaw\_loss: 33.9612 - pitch\_loss: 162.5696 - roll\_loss: 289.0539
68. 100/100 [==============================] - 12s 118ms/step - loss: 489.8030 - yaw\_loss: 35.1300 - pitch\_loss: 164.5726 - roll\_loss: 290.1004
69. 100/100 [==============================] - 12s 119ms/step - loss: 487.8918 - yaw\_loss: 35.2242 - pitch\_loss: 163.5050 - roll\_loss: 289.1625
70. 100/100 [==============================] - 12s 119ms/step - loss: 490.7849 - yaw\_loss: 35.1940 - pitch\_loss: 165.5822 - roll\_loss: 290.0086
71. 100/100 [==============================] - 12s 118ms/step - loss: 495.9231 - yaw\_loss: 36.6857 - pitch\_loss: 168.0815 - roll\_loss: 291.1559
72. 100/100 [==============================] - 13s 125ms/step - loss: 487.7472 - yaw\_loss: 34.1690 - pitch\_loss: 164.5120 - roll\_loss: 289.0662
73. 100/100 [==============================] - 12s 116ms/step - loss: 481.8697 - yaw\_loss: 32.5612 - pitch\_loss: 161.3362 - roll\_loss: 287.9723
74. 100/100 [==============================] - 11s 114ms/step - loss: 481.1468 - yaw\_loss: 33.3166 - pitch\_loss: 160.8670 - roll\_loss: 286.9630
75. 100/100 [==============================] - 11s 113ms/step - loss: 482.3919 - yaw\_loss: 33.2653 - pitch\_loss: 161.3510 - roll\_loss: 287.7756
76. 100/100 [==============================] - 12s 123ms/step - loss: 489.0421 - yaw\_loss: 39.2696 - pitch\_loss: 161.3201 - roll\_loss: 288.4525
77. 100/100 [==============================] - 12s 122ms/step - loss: 488.2017 - yaw\_loss: 36.4854 - pitch\_loss: 162.8503 - roll\_loss: 288.8661
78. 100/100 [==============================] - 12s 121ms/step - loss: 483.2513 - yaw\_loss: 34.1958 - pitch\_loss: 161.3473 - roll\_loss: 287.7084
79. 100/100 [==============================] - 12s 125ms/step - loss: 481.5309 - yaw\_loss: 32.9271 - pitch\_loss: 161.0504 - roll\_loss: 287.5533
80. 100/100 [==============================] - 12s 123ms/step - loss: 483.0082 - yaw\_loss: 33.4360 - pitch\_loss: 161.5654 - roll\_loss: 288.0068
81. 100/100 [==============================] - 12s 118ms/step - loss: 480.0634 - yaw\_loss: 31.8695 - pitch\_loss: 161.5460 - roll\_loss: 286.6479
82. 100/100 [==============================] - 12s 118ms/step - loss: 477.4349 - yaw\_loss: 31.5137 - pitch\_loss: 159.9353 - roll\_loss: 285.9859
83. 100/100 [==============================] - 12s 118ms/step - loss: 475.8527 - yaw\_loss: 31.2968 - pitch\_loss: 159.1708 - roll\_loss: 285.3851
84. 100/100 [==============================] - 12s 120ms/step - loss: 476.7733 - yaw\_loss: 31.5613 - pitch\_loss: 159.6099 - roll\_loss: 285.6020
85. 100/100 [==============================] - 12s 118ms/step - loss: 477.8672 - yaw\_loss: 32.2783 - pitch\_loss: 159.9238 - roll\_loss: 285.6651
86. 100/100 [==============================] - 12s 118ms/step - loss: 480.0558 - yaw\_loss: 32.8348 - pitch\_loss: 161.2174 - roll\_loss: 286.0034
87. 100/100 [==============================] - 12s 118ms/step - loss: 477.7661 - yaw\_loss: 31.2076 - pitch\_loss: 160.0353 - roll\_loss: 286.5232
88. 100/100 [==============================] - 12s 119ms/step - loss: 476.0893 - yaw\_loss: 31.3422 - pitch\_loss: 159.8776 - roll\_loss: 284.8695
89. 100/100 [==============================] - 12s 123ms/step - loss: 476.4526 - yaw\_loss: 32.2915 - pitch\_loss: 159.0617 - roll\_loss: 285.0996
90. 100/100 [==============================] - 12s 120ms/step - loss: 477.0620 - yaw\_loss: 31.1511 - pitch\_loss: 159.7575 - roll\_loss: 286.1534
91. 100/100 [==============================] - 12s 119ms/step - loss: 476.7468 - yaw\_loss: 31.2544 - pitch\_loss: 160.0377 - roll\_loss: 285.4549
92. 100/100 [==============================] - 12s 119ms/step - loss: 595.6812 - yaw\_loss: 32.0601 - pitch\_loss: 158.7689 - roll\_loss: 404.8525
93. 100/100 [==============================] - 11s 114ms/step - loss: 480.0592 - yaw\_loss: 32.8978 - pitch\_loss: 158.8327 - roll\_loss: 288.3288
94. 100/100 [==============================] - 11s 108ms/step - loss: 476.9391 - yaw\_loss: 32.4410 - pitch\_loss: 158.4604 - roll\_loss: 286.0376
95. 100/100 [==============================] - 11s 111ms/step - loss: 475.8906 - yaw\_loss: 32.0301 - pitch\_loss: 157.3069 - roll\_loss: 286.5536
96. 100/100 [==============================] - 11s 112ms/step - loss: 474.7669 - yaw\_loss: 30.9523 - pitch\_loss: 158.0263 - roll\_loss: 285.7884
97. 100/100 [==============================] - 12s 117ms/step - loss: 471.6575 - yaw\_loss: 30.5067 - pitch\_loss: 156.5418 - roll\_loss: 284.6092
98. 100/100 [==============================] - 12s 118ms/step - loss: 472.8683 - yaw\_loss: 31.0228 - pitch\_loss: 156.9403 - roll\_loss: 284.9049
99. 100/100 [==============================] - 12s 121ms/step - loss: 471.3425 - yaw\_loss: 30.3887 - pitch\_loss: 156.0777 - roll\_loss: 284.8761
100. 100/100 [==============================] - 12s 119ms/step - loss: 469.7290 - yaw\_loss: 29.6956 - pitch\_loss: 155.8293 - roll\_loss: 284.2040

**aflw\_alexnet\_50\_epoch:** After changing pitch and roll positions in input vector

1. 100/100 [==============================] - 22s 224ms/step - loss: 1424.6239 - yaw\_loss: 634.4656 - pitch\_loss: 427.8045 - roll\_loss: 362.3536
2. 100/100 [==============================] - 11s 108ms/step - loss: 1122.0498 - yaw\_loss: 338.2392 - pitch\_loss: 423.1308 - roll\_loss: 360.6798
3. 100/100 [==============================] - 10s 105ms/step - loss: 1001.8621 - yaw\_loss: 225.4150 - pitch\_loss: 418.7495 - roll\_loss: 357.6974
4. 100/100 [==============================] - 12s 118ms/step - loss: 931.9810 - yaw\_loss: 161.2678 - pitch\_loss: 414.1158 - roll\_loss: 356.5970
5. 100/100 [==============================] - 12s 116ms/step - loss: 889.6069 - yaw\_loss: 126.2058 - pitch\_loss: 409.2032 - roll\_loss: 354.1978
6. 100/100 [==============================] - 11s 113ms/step - loss: 875.3649 - yaw\_loss: 117.5091 - pitch\_loss: 405.7725 - roll\_loss: 352.0833
7. 100/100 [==============================] - 11s 108ms/step - loss: 846.6315 - yaw\_loss: 100.4874 - pitch\_loss: 398.3637 - roll\_loss: 347.7805
8. 100/100 [==============================] - 11s 107ms/step - loss: 814.5033 - yaw\_loss: 97.4398 - pitch\_loss: 381.1705 - roll\_loss: 335.8931
9. 100/100 [==============================] - 11s 107ms/step - loss: 791.0829 - yaw\_loss: 107.1149 - pitch\_loss: 362.1246 - roll\_loss: 321.8434
10. 100/100 [==============================] - 11s 114ms/step - loss: 710.4825 - yaw\_loss: 111.5597 - pitch\_loss: 322.5679 - roll\_loss: 276.3548
11. 100/100 [==============================] - 11s 112ms/step - loss: 750.6697 - yaw\_loss: 121.2999 - pitch\_loss: 332.3142 - roll\_loss: 297.0556
12. 100/100 [==============================] - 11s 113ms/step - loss: 616.5737 - yaw\_loss: 77.8766 - pitch\_loss: 281.8337 - roll\_loss: 256.8633
13. 100/100 [==============================] - 11s 115ms/step - loss: 509.0965 - yaw\_loss: 69.2064 - pitch\_loss: 232.7939 - roll\_loss: 207.0961
14. 100/100 [==============================] - 12s 115ms/step - loss: 453.0780 - yaw\_loss: 57.9506 - pitch\_loss: 208.1574 - roll\_loss: 186.9700
15. 100/100 [==============================] - 12s 116ms/step - loss: 419.2281 - yaw\_loss: 51.9415 - pitch\_loss: 195.1638 - roll\_loss: 172.1227
16. 100/100 [==============================] - 11s 115ms/step - loss: 402.5083 - yaw\_loss: 51.6329 - pitch\_loss: 181.2604 - roll\_loss: 169.6148
17. 100/100 [==============================] - 11s 114ms/step - loss: 360.6525 - yaw\_loss: 44.4271 - pitch\_loss: 167.1707 - roll\_loss: 149.0546
18. 100/100 [==============================] - 11s 114ms/step - loss: 345.8927 - yaw\_loss: 44.7546 - pitch\_loss: 155.6954 - roll\_loss: 145.4427
19. 100/100 [==============================] - 11s 115ms/step - loss: 320.5545 - yaw\_loss: 41.9848 - pitch\_loss: 137.4221 - roll\_loss: 141.1478
20. 100/100 [==============================] - 12s 121ms/step - loss: 304.3399 - yaw\_loss: 36.2982 - pitch\_loss: 132.5190 - roll\_loss: 135.5227
21. 100/100 [==============================] - 12s 117ms/step - loss: 280.0306 - yaw\_loss: 33.9416 - pitch\_loss: 122.4467 - roll\_loss: 123.6424
22. 100/100 [==============================] - 11s 114ms/step - loss: 274.0674 - yaw\_loss: 32.3405 - pitch\_loss: 118.1923 - roll\_loss: 123.5345
23. 100/100 [==============================] - 11s 114ms/step - loss: 265.0361 - yaw\_loss: 31.5453 - pitch\_loss: 112.7761 - roll\_loss: 120.7147
24. 100/100 [==============================] - 12s 116ms/step - loss: 259.1096 - yaw\_loss: 31.7671 - pitch\_loss: 107.8214 - roll\_loss: 119.5210
25. 100/100 [==============================] - 11s 114ms/step - loss: 245.6238 - yaw\_loss: 29.4467 - pitch\_loss: 102.9820 - roll\_loss: 113.1951
26. 100/100 [==============================] - 11s 114ms/step - loss: 236.7916 - yaw\_loss: 27.8804 - pitch\_loss: 97.7954 - roll\_loss: 111.1159
27. 100/100 [==============================] - 11s 114ms/step - loss: 236.8829 - yaw\_loss: 28.8795 - pitch\_loss: 99.4620 - roll\_loss: 108.5414
28. 100/100 [==============================] - 12s 120ms/step - loss: 223.3411 - yaw\_loss: 26.7964 - pitch\_loss: 94.1539 - roll\_loss: 102.3908
29. 100/100 [==============================] - 12s 119ms/step - loss: 217.9793 - yaw\_loss: 24.4651 - pitch\_loss: 94.5910 - roll\_loss: 98.9232
30. 100/100 [==============================] - 12s 122ms/step - loss: 215.9996 - yaw\_loss: 25.0401 - pitch\_loss: 93.5106 - roll\_loss: 97.4489
31. 100/100 [==============================] - 12s 115ms/step - loss: 210.6266 - yaw\_loss: 25.1143 - pitch\_loss: 91.5331 - roll\_loss: 93.9791
32. 100/100 [==============================] - 11s 114ms/step - loss: 204.7803 - yaw\_loss: 23.4003 - pitch\_loss: 88.6986 - roll\_loss: 92.6813
33. 100/100 [==============================] - 11s 115ms/step - loss: 198.0882 - yaw\_loss: 22.1045 - pitch\_loss: 88.4075 - roll\_loss: 87.5762
34. 100/100 [==============================] - 12s 117ms/step - loss: 198.6122 - yaw\_loss: 20.5873 - pitch\_loss: 87.8568 - roll\_loss: 90.1682
35. 100/100 [==============================] - 12s 115ms/step - loss: 192.1350 - yaw\_loss: 20.7177 - pitch\_loss: 86.2110 - roll\_loss: 85.2063
36. 100/100 [==============================] - 11s 115ms/step - loss: 186.0444 - yaw\_loss: 18.3982 - pitch\_loss: 83.5436 - roll\_loss: 84.1027
37. 100/100 [==============================] - 12s 118ms/step - loss: 186.3601 - yaw\_loss: 19.7274 - pitch\_loss: 84.8218 - roll\_loss: 81.8109
38. 100/100 [==============================] - 12s 118ms/step - loss: 187.6512 - yaw\_loss: 18.8406 - pitch\_loss: 86.0443 - roll\_loss: 82.7663
39. 100/100 [==============================] - 12s 117ms/step - loss: 186.4963 - yaw\_loss: 19.1994 - pitch\_loss: 85.0294 - roll\_loss: 82.2674
40. 100/100 [==============================] - 12s 115ms/step - loss: 180.7737 - yaw\_loss: 17.8584 - pitch\_loss: 83.1850 - roll\_loss: 79.7303
41. 100/100 [==============================] - 11s 115ms/step - loss: 185.8297 - yaw\_loss: 19.0914 - pitch\_loss: 84.7261 - roll\_loss: 82.0122
42. 100/100 [==============================] - 12s 118ms/step - loss: 188.4058 - yaw\_loss: 19.9834 - pitch\_loss: 86.1797 - roll\_loss: 82.2426
43. 100/100 [==============================] - 12s 119ms/step - loss: 187.3084 - yaw\_loss: 19.0857 - pitch\_loss: 87.3821 - roll\_loss: 80.8406
44. 100/100 [==============================] - 12s 116ms/step - loss: 186.6157 - yaw\_loss: 19.0033 - pitch\_loss: 83.8750 - roll\_loss: 83.7375
45. 100/100 [==============================] - 12s 116ms/step - loss: 179.1542 - yaw\_loss: 17.7438 - pitch\_loss: 82.5970 - roll\_loss: 78.8133
46. 100/100 [==============================] - 12s 117ms/step - loss: 174.9344 - yaw\_loss: 18.2622 - pitch\_loss: 80.3327 - roll\_loss: 76.3395
47. 100/100 [==============================] - 11s 114ms/step - loss: 172.0413 - yaw\_loss: 17.3555 - pitch\_loss: 79.2461 - roll\_loss: 75.4397
48. 100/100 [==============================] - 11s 114ms/step - loss: 169.9687 - yaw\_loss: 15.3461 - pitch\_loss: 80.1898 - roll\_loss: 74.4329
49. 100/100 [==============================] - 11s 114ms/step - loss: 176.2995 - yaw\_loss: 17.1999 - pitch\_loss: 81.3897 - roll\_loss: 77.7099
50. 100/100 [==============================] - 11s 114ms/step - loss: 172.9588 - yaw\_loss: 17.5715 - pitch\_loss: 80.5914 - roll\_loss: 74.7958