

LOG FILE OF MODEL TRAINING

Epoch 1/100

46/46 [=====] - 11s 247ms/step - loss: 1.6107 - acc: 0.5582 - mse: 0.3554 - val_loss: 38.4065 - val_acc: 0.5000 - val_mse: 0.5000

Epoch 2/100

46/46 [=====] - 10s 218ms/step - loss: 0.9239 - acc: 0.6066 - mse: 0.2800 - val_loss: 78.0129 - val_acc: 0.5000 - val_mse: 0.5000

Epoch 3/100

46/46 [=====] - 10s 219ms/step - loss: 0.6066 - acc: 0.6939 - mse: 0.2054 - val_loss: 5.1002 - val_acc: 0.5000 - val_mse: 0.4706

Epoch 4/100

46/46 [=====] - 10s 217ms/step - loss: 0.6134 - acc: 0.7535 - mse: 0.1851 - val_loss: 1.9840 - val_acc: 0.6250 - val_mse: 0.3590

Epoch 5/100

46/46 [=====] - 10s 215ms/step - loss: 0.5780 - acc: 0.7632 - mse: 0.1760 - val_loss: 0.9667 - val_acc: 0.7083 - val_mse: 0.2609

Epoch 6/100

46/46 [=====] - 10s 214ms/step - loss: 0.5111 - acc: 0.7756 - mse: 0.1615 - val_loss: 0.6739 - val_acc: 0.6667 - val_mse: 0.2352

Epoch 7/100

46/46 [=====] - 10s 213ms/step - loss: 0.4523 - acc: 0.8144 - mse: 0.1336 - val_loss: 1.2834 - val_acc: 0.7083 - val_mse: 0.2557

Epoch 8/100

46/46 [=====] - 10s 214ms/step - loss: 0.3924 - acc: 0.8684 - mse: 0.1032 - val_loss: 7.3074 - val_acc: 0.5000 - val_mse: 0.4995

Epoch 9/100

46/46 [=====] - 10s 215ms/step - loss: 0.4996 - acc: 0.8283 - mse: 0.1354 - val_loss: 1.3334 - val_acc: 0.5833 - val_mse: 0.3516

Epoch 10/100

46/46 [=====] - 10s 216ms/step - loss: 0.3907 - acc: 0.8324 - mse: 0.1191 - val_loss: 1.2279 - val_acc: 0.6667 - val_mse: 0.2912

Epoch 11/100

46/46 [=====] - ETA: 0s - loss: 0.2314 - acc: 0.9114 - mse: 0.0661

Epoch 00011: ReduceLROnPlateau reducing learning rate to 0.0009999999776482583.

46/46 [=====] - 10s 216ms/step - loss: 0.2314 - acc: 0.9114 - mse: 0.0661 - val_loss: 0.7348 - val_acc: 0.7917 - val_mse: 0.1366

Epoch 12/100

46/46 [=====] - 10s 216ms/step - loss: 0.5253 - acc: 0.8366 - mse: 0.1276 - val_loss: 0.6836 - val_acc: 0.7917 - val_mse: 0.1565

Epoch 13/100

46/46 [=====] - 10s 215ms/step - loss: 0.1065 - acc: 0.9626 - mse: 0.0295 - val_loss: 0.2524 - val_acc: 0.9583 - val_mse: 0.0606

Epoch 14/100

46/46 [=====] - 10s 215ms/step - loss: 0.0449 - acc: 0.9875 - mse: 0.0110 - val_loss: 0.3449 - val_acc: 0.9583 - val_mse: 0.0726

Epoch 15/100

46/46 [=====] - 10s 214ms/step - loss: 0.0514 - acc:
0.9806 - mse: 0.0143 - val_loss: 0.5089 - val_acc: 0.7500 - val_mse: 0.1665
Epoch 16/100
46/46 [=====] - 10s 215ms/step - loss: 0.0282 - acc:
0.9945 - mse: 0.0066 - val_loss: 0.2617 - val_acc: 0.8333 - val_mse: 0.0937
Epoch 17/100
46/46 [=====] - 10s 215ms/step - loss: 0.0405 - acc:
0.9917 - mse: 0.0084 - val_loss: 0.9323 - val_acc: 0.7917 - val_mse: 0.1997
Epoch 18/100
46/46 [=====] - 10s 215ms/step - loss: 0.0546 - acc:
0.9834 - mse: 0.0124 - val_loss: 0.2172 - val_acc: 0.8750 - val_mse: 0.0713
Epoch 19/100
46/46 [=====] - 10s 215ms/step - loss: 0.0265 - acc:
0.9889 - mse: 0.0071 - val_loss: 0.2061 - val_acc: 0.9167 - val_mse: 0.0625
Epoch 20/100
46/46 [=====] - 10s 215ms/step - loss: 0.0273 - acc:
0.9917 - mse: 0.0069 - val_loss: 0.1694 - val_acc: 0.8750 - val_mse: 0.0570
Epoch 21/100
46/46 [=====] - 10s 215ms/step - loss: 0.0113 - acc:
0.9986 - mse: 0.0019 - val_loss: 0.1683 - val_acc: 0.9167 - val_mse: 0.0539
Epoch 22/100
46/46 [=====] - 10s 215ms/step - loss: 0.0218 - acc:
0.9986 - mse: 0.0044 - val_loss: 0.1902 - val_acc: 0.9167 - val_mse: 0.0633
Epoch 23/100
46/46 [=====] - 10s 215ms/step - loss: 0.0130 - acc:
0.9972 - mse: 0.0022 - val_loss: 0.2539 - val_acc: 0.9167 - val_mse: 0.0788
Epoch 24/100
46/46 [=====] - 10s 215ms/step - loss: 0.0197 - acc:
0.9945 - mse: 0.0047 - val_loss: 0.1648 - val_acc: 0.9583 - val_mse: 0.0472
Epoch 25/100
46/46 [=====] - 10s 215ms/step - loss: 0.0180 - acc:
0.9931 - mse: 0.0045 - val_loss: 0.1745 - val_acc: 0.9167 - val_mse: 0.0563
Epoch 26/100
46/46 [=====] - 10s 215ms/step - loss: 0.0157 - acc:
0.9945 - mse: 0.0035 - val_loss: 0.1731 - val_acc: 0.9583 - val_mse: 0.0504
Epoch 27/100
46/46 [=====] - 10s 215ms/step - loss: 0.0136 - acc:
0.9945 - mse: 0.0027 - val_loss: 0.1634 - val_acc: 0.9583 - val_mse: 0.0502
Epoch 28/100
46/46 [=====] - 10s 216ms/step - loss: 0.0118 - acc:
0.9972 - mse: 0.0029 - val_loss: 0.2004 - val_acc: 0.9167 - val_mse: 0.0620
Epoch 29/100
46/46 [=====] - 10s 215ms/step - loss: 0.0161 - acc:
0.9945 - mse: 0.0040 - val_loss: 0.2280 - val_acc: 0.9167 - val_mse: 0.0657
Epoch 30/100
46/46 [=====] - 10s 215ms/step - loss: 0.0088 - acc:
0.9986 - mse: 0.0015 - val_loss: 0.1912 - val_acc: 0.9583 - val_mse: 0.0565
Epoch 31/100
46/46 [=====] - 10s 215ms/step - loss: 0.0134 - acc:
0.9958 - mse: 0.0034 - val_loss: 0.2106 - val_acc: 0.9583 - val_mse: 0.0593

Epoch 32/100
46/46 [=====] - ETA: 0s - loss: 0.0043 - acc: 1.0000 -
mse: 2.3839e-04
Epoch 00032: ReduceLROnPlateau reducing learning rate to 9.999999310821295e-05.
46/46 [=====] - 10s 215ms/step - loss: 0.0043 - acc:
1.0000 - mse: 2.3839e-04 - val_loss: 0.2148 - val_acc: 0.9583 - val_mse: 0.0619
Epoch 33/100
46/46 [=====] - 10s 215ms/step - loss: 0.0046 - acc:
1.0000 - mse: 4.2157e-04 - val_loss: 0.2089 - val_acc: 0.9167 - val_mse: 0.0634
Epoch 34/100
46/46 [=====] - 10s 215ms/step - loss: 0.0131 - acc:
0.9958 - mse: 0.0029 - val_loss: 0.2021 - val_acc: 0.9167 - val_mse: 0.0652
Epoch 35/100
46/46 [=====] - 10s 215ms/step - loss: 0.0039 - acc:
1.0000 - mse: 1.7938e-04 - val_loss: 0.2019 - val_acc: 0.9167 - val_mse: 0.0658
Epoch 36/100
46/46 [=====] - 10s 215ms/step - loss: 0.0083 - acc:
0.9986 - mse: 0.0013 - val_loss: 0.1987 - val_acc: 0.9167 - val_mse: 0.0652
Epoch 37/100
45/46 [=====>.] - ETA: 0s - loss: 0.0061 - acc: 0.9986 -
mse: 9.1202e-04
Epoch 00037: ReduceLROnPlateau reducing learning rate to 1e-05.
46/46 [=====] - 10s 215ms/step - loss: 0.0061 - acc:
0.9986 - mse: 9.0949e-04 - val_loss: 0.1977 - val_acc: 0.9167 - val_mse: 0.0654
Epoch 38/100
46/46 [=====] - 10s 215ms/step - loss: 0.0093 - acc:
0.9986 - mse: 0.0019 - val_loss: 0.1994 - val_acc: 0.9167 - val_mse: 0.0661
Epoch 39/100
46/46 [=====] - 10s 216ms/step - loss: 0.0091 - acc:
0.9986 - mse: 0.0018 - val_loss: 0.2014 - val_acc: 0.9167 - val_mse: 0.0665
Epoch 40/100
46/46 [=====] - 10s 215ms/step - loss: 0.0056 - acc:
0.9986 - mse: 7.4615e-04 - val_loss: 0.2004 - val_acc: 0.9167 - val_mse: 0.0656
Epoch 41/100
46/46 [=====] - 10s 214ms/step - loss: 0.0067 - acc:
0.9986 - mse: 0.0011 - val_loss: 0.1995 - val_acc: 0.9167 - val_mse: 0.0651
Epoch 42/100
46/46 [=====] - 10s 215ms/step - loss: 0.0046 - acc:
1.0000 - mse: 2.9882e-04 - val_loss: 0.1982 - val_acc: 0.9167 - val_mse: 0.0643
Epoch 43/100
46/46 [=====] - 10s 216ms/step - loss: 0.0042 - acc:
1.0000 - mse: 2.9251e-04 - val_loss: 0.1977 - val_acc: 0.9167 - val_mse: 0.0649
Epoch 44/100
46/46 [=====] - 10s 215ms/step - loss: 0.0183 - acc:
0.9972 - mse: 0.0045 - val_loss: 0.1981 - val_acc: 0.9167 - val_mse: 0.0654
Epoch 45/100
46/46 [=====] - 10s 215ms/step - loss: 0.0048 - acc:
0.9986 - mse: 6.1649e-04 - val_loss: 0.1993 - val_acc: 0.9167 - val_mse: 0.0664
Epoch 46/100

46/46 [=====] - 10s 215ms/step - loss: 0.0034 - acc:
1.0000 - mse: 1.7719e-04 - val_loss: 0.1997 - val_acc: 0.9167 - val_mse: 0.0665
Epoch 47/100
46/46 [=====] - 10s 215ms/step - loss: 0.0078 - acc:
0.9986 - mse: 0.0014 - val_loss: 0.1978 - val_acc: 0.9167 - val_mse: 0.0643
Epoch 48/100
46/46 [=====] - 10s 215ms/step - loss: 0.0180 - acc:
0.9945 - mse: 0.0045 - val_loss: 0.1985 - val_acc: 0.9167 - val_mse: 0.0655
Epoch 49/100
46/46 [=====] - 10s 215ms/step - loss: 0.0139 - acc:
0.9986 - mse: 0.0017 - val_loss: 0.1994 - val_acc: 0.9167 - val_mse: 0.0669
Epoch 50/100
46/46 [=====] - 10s 215ms/step - loss: 0.0102 - acc:
0.9986 - mse: 0.0018 - val_loss: 0.2013 - val_acc: 0.8750 - val_mse: 0.0685
Epoch 51/100
46/46 [=====] - 10s 215ms/step - loss: 0.0143 - acc:
0.9986 - mse: 0.0024 - val_loss: 0.1984 - val_acc: 0.8750 - val_mse: 0.0674
Epoch 52/100
46/46 [=====] - 10s 215ms/step - loss: 0.0127 - acc:
0.9958 - mse: 0.0031 - val_loss: 0.1959 - val_acc: 0.9167 - val_mse: 0.0657
Epoch 53/100
46/46 [=====] - 10s 214ms/step - loss: 0.0032 - acc:
1.0000 - mse: 1.6008e-04 - val_loss: 0.1937 - val_acc: 0.9167 - val_mse: 0.0642
Epoch 54/100
46/46 [=====] - 10s 218ms/step - loss: 0.0131 - acc:
0.9986 - mse: 0.0020 - val_loss: 0.1951 - val_acc: 0.9167 - val_mse: 0.0649
Epoch 55/100
46/46 [=====] - 10s 214ms/step - loss: 0.0044 - acc:
0.9986 - mse: 6.4678e-04 - val_loss: 0.1950 - val_acc: 0.9167 - val_mse: 0.0640
Epoch 56/100
46/46 [=====] - 10s 215ms/step - loss: 0.0084 - acc:
0.9986 - mse: 0.0014 - val_loss: 0.1940 - val_acc: 0.9167 - val_mse: 0.0634
Epoch 57/100
46/46 [=====] - 10s 215ms/step - loss: 0.0088 - acc:
0.9986 - mse: 0.0015 - val_loss: 0.1943 - val_acc: 0.9167 - val_mse: 0.0643
Epoch 58/100
46/46 [=====] - 10s 216ms/step - loss: 0.0093 - acc:
0.9986 - mse: 0.0012 - val_loss: 0.1940 - val_acc: 0.9167 - val_mse: 0.0637
Epoch 59/100
46/46 [=====] - 10s 215ms/step - loss: 0.0070 - acc:
1.0000 - mse: 7.0746e-04 - val_loss: 0.1949 - val_acc: 0.9167 - val_mse: 0.0650
Epoch 60/100
46/46 [=====] - 10s 215ms/step - loss: 0.0140 - acc:
0.9958 - mse: 0.0036 - val_loss: 0.1950 - val_acc: 0.9167 - val_mse: 0.0651
Epoch 61/100
46/46 [=====] - 10s 216ms/step - loss: 0.0083 - acc:
0.9972 - mse: 0.0014 - val_loss: 0.1948 - val_acc: 0.9167 - val_mse: 0.0650
Epoch 62/100
46/46 [=====] - 10s 215ms/step - loss: 0.0119 - acc:
0.9972 - mse: 0.0026 - val_loss: 0.1951 - val_acc: 0.9167 - val_mse: 0.0649

Epoch 63/100
46/46 [=====] - 10s 215ms/step - loss: 0.0096 - acc:
0.9986 - mse: 0.0018 - val_loss: 0.1956 - val_acc: 0.9167 - val_mse: 0.0652
Epoch 64/100
46/46 [=====] - 10s 215ms/step - loss: 0.0080 - acc:
0.9986 - mse: 0.0011 - val_loss: 0.1942 - val_acc: 0.9167 - val_mse: 0.0639
Epoch 65/100
46/46 [=====] - 10s 215ms/step - loss: 0.0168 - acc:
0.9945 - mse: 0.0040 - val_loss: 0.1942 - val_acc: 0.9167 - val_mse: 0.0637
Epoch 66/100
46/46 [=====] - 10s 215ms/step - loss: 0.0052 - acc:
1.0000 - mse: 5.3237e-04 - val_loss: 0.1941 - val_acc: 0.9167 - val_mse: 0.0638
Epoch 67/100
46/46 [=====] - 10s 215ms/step - loss: 0.0146 - acc:
0.9958 - mse: 0.0038 - val_loss: 0.1954 - val_acc: 0.9167 - val_mse: 0.0653
Epoch 68/100
46/46 [=====] - 10s 215ms/step - loss: 0.0235 - acc:
0.9931 - mse: 0.0056 - val_loss: 0.1955 - val_acc: 0.9167 - val_mse: 0.0660
Epoch 69/100
46/46 [=====] - 10s 215ms/step - loss: 0.0089 - acc:
0.9986 - mse: 0.0015 - val_loss: 0.1950 - val_acc: 0.9167 - val_mse: 0.0658
Epoch 70/100
46/46 [=====] - 10s 215ms/step - loss: 0.0036 - acc:
1.0000 - mse: 2.3268e-04 - val_loss: 0.1946 - val_acc: 0.9167 - val_mse: 0.0651
Epoch 71/100
46/46 [=====] - 10s 215ms/step - loss: 0.0126 - acc:
0.9958 - mse: 0.0030 - val_loss: 0.1941 - val_acc: 0.9167 - val_mse: 0.0652
Epoch 72/100
46/46 [=====] - 10s 215ms/step - loss: 0.0169 - acc:
0.9945 - mse: 0.0044 - val_loss: 0.1937 - val_acc: 0.9167 - val_mse: 0.0653
Epoch 73/100
46/46 [=====] - 10s 215ms/step - loss: 0.0043 - acc:
1.0000 - mse: 5.1436e-04 - val_loss: 0.1914 - val_acc: 0.9167 - val_mse: 0.0631
Epoch 74/100
46/46 [=====] - 10s 215ms/step - loss: 0.0097 - acc:
0.9986 - mse: 0.0021 - val_loss: 0.1916 - val_acc: 0.9167 - val_mse: 0.0635
Epoch 75/100
46/46 [=====] - 10s 214ms/step - loss: 0.0046 - acc:
1.0000 - mse: 2.3623e-04 - val_loss: 0.1913 - val_acc: 0.9167 - val_mse: 0.0638
Epoch 76/100
46/46 [=====] - 10s 215ms/step - loss: 0.0072 - acc:
1.0000 - mse: 8.4147e-04 - val_loss: 0.1918 - val_acc: 0.9167 - val_mse: 0.0642
Epoch 77/100
46/46 [=====] - 10s 214ms/step - loss: 0.0091 - acc:
0.9986 - mse: 0.0016 - val_loss: 0.1907 - val_acc: 0.9167 - val_mse: 0.0640
Epoch 78/100
46/46 [=====] - 10s 214ms/step - loss: 0.0059 - acc:
1.0000 - mse: 4.4940e-04 - val_loss: 0.1909 - val_acc: 0.9167 - val_mse: 0.0637
Epoch 79/100

46/46 [=====] - 10s 215ms/step - loss: 0.0129 - acc:
0.9958 - mse: 0.0031 - val_loss: 0.1909 - val_acc: 0.9167 - val_mse: 0.0636
Epoch 80/100
46/46 [=====] - 10s 215ms/step - loss: 0.0052 - acc:
1.0000 - mse: 5.6174e-04 - val_loss: 0.1898 - val_acc: 0.9167 - val_mse: 0.0626
Epoch 81/100
46/46 [=====] - 10s 215ms/step - loss: 0.0100 - acc:
0.9972 - mse: 0.0023 - val_loss: 0.1904 - val_acc: 0.9167 - val_mse: 0.0631
Epoch 82/100
46/46 [=====] - 10s 215ms/step - loss: 0.0108 - acc:
0.9945 - mse: 0.0026 - val_loss: 0.1900 - val_acc: 0.9167 - val_mse: 0.0629
Epoch 83/100
46/46 [=====] - 10s 215ms/step - loss: 0.0053 - acc:
0.9986 - mse: 8.4819e-04 - val_loss: 0.1906 - val_acc: 0.9167 - val_mse: 0.0625
Epoch 84/100
46/46 [=====] - 10s 215ms/step - loss: 0.0047 - acc:
1.0000 - mse: 5.4306e-04 - val_loss: 0.1912 - val_acc: 0.9167 - val_mse: 0.0622
Epoch 85/100
46/46 [=====] - 10s 215ms/step - loss: 0.0127 - acc:
0.9958 - mse: 0.0033 - val_loss: 0.1913 - val_acc: 0.9167 - val_mse: 0.0626
Epoch 86/100
46/46 [=====] - 10s 215ms/step - loss: 0.0051 - acc:
1.0000 - mse: 4.4754e-04 - val_loss: 0.1903 - val_acc: 0.9167 - val_mse: 0.0623
Epoch 87/100
46/46 [=====] - 10s 215ms/step - loss: 0.0099 - acc:
0.9986 - mse: 0.0020 - val_loss: 0.1898 - val_acc: 0.9167 - val_mse: 0.0622
Epoch 88/100
46/46 [=====] - 10s 215ms/step - loss: 0.0089 - acc:
0.9986 - mse: 0.0018 - val_loss: 0.1898 - val_acc: 0.9167 - val_mse: 0.0622
Epoch 89/100
46/46 [=====] - 10s 215ms/step - loss: 0.0104 - acc:
0.9986 - mse: 0.0019 - val_loss: 0.1900 - val_acc: 0.9167 - val_mse: 0.0627
Epoch 90/100
46/46 [=====] - 10s 215ms/step - loss: 0.0086 - acc:
1.0000 - mse: 0.0013 - val_loss: 0.1902 - val_acc: 0.9167 - val_mse: 0.0625
Epoch 91/100
46/46 [=====] - 10s 215ms/step - loss: 0.0115 - acc:
0.9972 - mse: 0.0026 - val_loss: 0.1906 - val_acc: 0.9167 - val_mse: 0.0628
Epoch 92/100
46/46 [=====] - 10s 215ms/step - loss: 0.0078 - acc:
0.9972 - mse: 0.0018 - val_loss: 0.1922 - val_acc: 0.9167 - val_mse: 0.0644
Epoch 93/100
46/46 [=====] - 10s 215ms/step - loss: 0.0067 - acc:
0.9986 - mse: 0.0013 - val_loss: 0.1899 - val_acc: 0.9167 - val_mse: 0.0628
Epoch 94/100
46/46 [=====] - 10s 215ms/step - loss: 0.0085 - acc:
0.9986 - mse: 0.0013 - val_loss: 0.1887 - val_acc: 0.9167 - val_mse: 0.0623
Epoch 95/100
46/46 [=====] - 10s 215ms/step - loss: 0.0080 - acc:
1.0000 - mse: 8.2135e-04 - val_loss: 0.1888 - val_acc: 0.9167 - val_mse: 0.0626

Epoch 96/100

46/46 [=====] - 10s 215ms/step - loss: 0.0097 - acc:
0.9972 - mse: 0.0018 - val_loss: 0.1891 - val_acc: 0.9167 - val_mse: 0.0624

Epoch 97/100

46/46 [=====] - 10s 215ms/step - loss: 0.0045 - acc:
1.0000 - mse: 3.2343e-04 - val_loss: 0.1896 - val_acc: 0.9167 - val_mse: 0.0629

Epoch 98/100

46/46 [=====] - 10s 215ms/step - loss: 0.0038 - acc:
1.0000 - mse: 2.1530e-04 - val_loss: 0.1875 - val_acc: 0.9167 - val_mse: 0.0614

Epoch 99/100

46/46 [=====] - 10s 215ms/step - loss: 0.0229 - acc:
0.9986 - mse: 0.0023 - val_loss: 0.1914 - val_acc: 0.9167 - val_mse: 0.0639

Epoch 100/100

46/46 [=====] - 10s 216ms/step - loss: 0.0094 - acc:
0.9958 - mse: 0.0020 - val_loss: 0.1921 - val_acc: 0.9167 - val_mse: 0.0644