| Layer (type) Output Shape | Param # 23296 | | |
|--|--|--|---|
| batch_normalization_1 (Batch (None, 256, 256, 64) | 256 | | |
| activation_1 (Activation) (None, 256, 256, 64) | 0 | | |
| max_pooling2d_1 (MaxPooling2 (None, 128, 128, 64) conv2d 2 (Conv2D) (None, 128, 128, 32) | 51232 | | |
| batch_normalization_2 (Batch (None, 128, 128, 32) | 128 | | |
| activation_2 (Activation) (None, 128, 128, 32) | 0 | | |
| max_pooling2d_2 (MaxPooling2 (None, 64, 64, 32) zero_padding2d_1 (ZeroPaddin (None, 66, 66, 32) | 0 | | |
| conv2d_3 (Conv2D) (None, 66, 66, 32) | 9248 | | |
| batch_normalization_3 (Batch (None, 66, 66, 32) | 128 | | |
| activation_3 (Activation) (None, 66, 66, 32) max_pooling2d_3 (MaxPooling2 (None, 33, 33, 32) | 0 | | |
| zero_padding2d_2 (ZeroPaddin (None, 35, 35, 32) | 0 | | |
| conv2d_4 (Conv2D) (None, 35, 35, 32) | 9248 | | |
| batch_normalization_4 (Batch (None, 35, 35, 32) activation 4 (Activation) (None, 35, 35, 32) | 128 | | |
| zero_padding2d_3 (ZeroPaddin (None, 37, 37, 32) | 0 | | |
| conv2d_5 (Conv2D) (None, 37, 37, 32) | 9248 | | |
| batch_normalization_5 (Batch (None, 37, 37, 32) activation_5 (Activation) (None, 37, 37, 32) | 128 | | |
| max_pooling2d_4 (MaxPooling2 (None, 18, 18, 32) | θ | | |
| flatten_1 (Flatten) (None, 10368) dense 1 (Dense) (None, 768) | 7963392 | | |
| dense_1 (Dense) (None, 768) batch_normalization_6 (Batch (None, 768) | 3072 | | |
| activation_6 (Activation) (None, 768) | θ | | |
| dropout_1 (Dropout) (None, 768) dense 2 (Dense) (None, 512) | 9 393728 | | |
| batch_normalization_7 (Batch (None, 512) | 2948 | | |
| activation_7 (Activation) (None, 512) | 0 | | |
| dropout_2 (Dropout) (None, 512) | 0 | | |
| dense_3 (Dense) (None, 3) batch_normalization_8 (Batch (None, 3) | 1539 12 | | |
| activation_8 (Activation) (None, 3) | 0 | | |
| Total params: 8,466,831 Trainable params: 8,463,881 Non-trainable params: 2,950 | | | |
| Epoch 1/20 | | | |
| | | 0.5384 - accuracy: 0.8430 - val_loss: 1.7432 - val_accuracy: 0.4 del to /content/drive/My Drive/COVID/Vanshika/Models/alexNet.h5 | 64 |
| Epoch 2/28 | | 0.4262 - accuracy: 0.9087 - val_loss: 1.5759 - val_accuracy: 0.4 | 68 |
| Epoch 3/20 | | model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. 8.3941 - accuracy: 0.9334 - val loss: 1.2614 - val accuracy: 0.4 | |
| Epoch 00003: val_accuracy did not improve from 0.468 | | 0.3341 - accuracy. 0.3334 - Vac_tuss. 1.2014 - Vac_accuracy. 0.4 | 20. |
| Epoch 4/20 136/136 [======] - 87s 640ms | /step - loss: | 0.3713 - accuracy: 0.9406 - val_loss: 0.8370 - val_accuracy: 0.5 | 47 |
| Epoch 5/20 | | model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. 8.3582 - accuracy: 0.9464 - val loss: 0.5328 - val accuracy: 0.9 | |
| Epoch 00005: val_accuracy improved from 0.54785 to 0 | | model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. | |
| | | 0.3429 - accuracy: 0.9515 - val_loss: 1.3641 - val_accuracy: 0.5 | 21 |
| Epoch 00006: val_accuracy did not improve from 0.918 Epoch 7/20 136/136 [=======] - 87s 638ms | 866 Water - loss: | | |
| | | | 01 |
| Epoch 88887: val_accuracy did not improve from 0.918 | | 0.3393 - accuracy: 0.9518 - val_loss: 0.6074 - val_accuracy: 0.7 | 01 |
| Epoch 00007: val_accuracy did not improve from 0.918 Epoch 8/20 136/136 [==================================== | 866 :/step - loss: | 0.3333 - accuracy: 0.9518 - val_loss: 0.60/4 - val_accuracy: 0.7 | |
| Epoch 00007: val_accuracy did not improve from 0.918 Epoch 8/20 136/136 [==================================== | 866 :/step - loss: 866 | | 68 |
| Epoch 00007: val_accuracy did not improve from 0.918 Epoch 0720 186/136 | 866 i/step - loss: 866 i/step - loss: | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 | 68 |
| Epoch 80007: val_accuracy did not improve from 0.918 | 366 3/step - loss: 366 3/step - loss: 3.94019, saving | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 | 68- 40: h5 |
| Epoch 80907: val_accuracy did not improve from 0.916 poch 8/728 866 634es | 366 3/step - loss: 366 3/step - loss: 3.94019, saving 3/step - loss: | B.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 B.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. | 68- 40: h5 |
| Epoch 80937. val_accuracy did not improve from 0.918 | 366 3/step - loss: 3/step - loss: 0.94019, saving 3/step - loss: 919 3/step - loss: | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 | 40 h5 79 |
| Book 180807: val_accuracy did not improve from 0.918 | 3666 s/step - loss: 3666 s/step - loss: 9.94019, saving s/step - loss: 919 s/step - loss: 919 | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 9.3841 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 | 68 40 h5 79 |
| Epoch 08097: val_accuracy did not improve from 0.918 Epoch 0729 136/136 | ### ################################## | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 | 68 49 h5 79 |
| Epoch 80031: val_accuracy did not improve from 0.318 | ### ################################## | D.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 D.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. D.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 D.2900 - accuracy: 0.9651 - val_loss: 0.4751 - val_accuracy: 0.8 D.3058 - accuracy: 0.9536 - val_loss: 0.6489 - val_accuracy: 0.8 D.3058 - accuracy: 0.9625 - val_loss: 0.3264 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. | 68 40 h5 79 18 |
| Book 8003: val_accuracy did not improve from 0.318 Book 8728 186/138 Book 8728 186/138 Book 8728 186/138 Book 8728 186/138 Book 8008: val_accuracy did not improve from 0.318 Book 8008: val_accuracy improved from 0.91865 to 8 Book 8008: val_accuracy improved from 0.91865 to 8 Book 8008: val_accuracy improved from 0.91865 to 8 Book 8008: val_accuracy did not improve from 0.948 Book 80018: val_accuracy did not improve from 0.948 Book 80011: val_accuracy did not improve from 0.948 Book 80012: val_accuracy did not improve from 0.94913 to 8 Book 80012: val_accuracy improved from 0.94913 to 8 Book 80012: | | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alesMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9651 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.6489 - val_accuracy: 0.8 0.2918 - accuracy: 0.9625 - val_loss: 0.3264 - val_accuracy: 0.9 | 68 40 h5 79 18 |
| Epoth 08097: val_accuracy did not improve from 0.918 | | D.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 D.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. D.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 D.2900 - accuracy: 0.9651 - val_loss: 0.4751 - val_accuracy: 0.8 D.3058 - accuracy: 0.9536 - val_loss: 0.6489 - val_accuracy: 0.8 D.3058 - accuracy: 0.9625 - val_loss: 0.3264 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexNet. | 68 49 h5 79 18 13 64 h5 |
| | see loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: //step loss: | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 | 68 49 h5 79 18 13 64 h5 |
| Epoch 08007; val_accuracy did not improve from 0.918 Epoch 0720 | | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COUID/Wanshika/Models/alexMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9551 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.6289 - val_accuracy: 0.8 0.2918 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 model to /content/drive/My Drive/COUID/Vanshika/Models/alexMet. 0.2900 - accuracy: 0.9501 - val_loss: 0.5560 - val_accuracy: 0.8 | 68 49 h5 79 18 13 64 h5 |
| | //step - loss: 666 //step - loss: 0.94019, saving //step - loss: 119 //step - loss: 119 //step - loss: 111 | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 | 68 40 h5 79 18 13 64 h5 03 |
| | //step - loss: 666 666 667 6666 668 668 668 668 668 66 | B.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 D.3941 - accuracy: 0.9511 - val_loss: 0.4382 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/aleoshet. D.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 D.2990 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 D.3938 - accuracy: 0.9536 - val_loss: 0.4689 - val_accuracy: 0.8 D.3918 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 D.2938 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 D.2938 - accuracy: 0.9551 - val_loss: 0.3560 - val_accuracy: 0.8 D.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 D.2514 - accuracy: 0.9718 - val_loss: 0.2881 - val_accuracy: 0.9 | 18 13 64 h5 64 65 66 45 66 46 66 46 66 46 66 46 66 66 66 66 66 |
| | //step - loss: 666 667 668 668 669 669 669 669 669 669 669 669 | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COUD/Wanshika/Models/alexMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3958 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.2918 - accuracy: 0.9536 - val_loss: 0.4364 - val_accuracy: 0.8 0.2918 - accuracy: 0.9561 - val_loss: 0.5264 - val_accuracy: 0.8 0.2980 - accuracy: 0.9581 - val_loss: 0.5560 - val_accuracy: 0.8 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2844 - val_accuracy: 0.9 0.2469 - accuracy: 0.9735 - val_loss: 0.2844 - val_accuracy: 0.9 | 188 133 1349 664 668 |
| | //step - loss: 666 //step - loss: 667 //step - loss: 94019, saving 199 //step - loss: 199 //step - loss: 199 //step - loss: 191 //step - loss: 193 //step - loss: 193 //step - loss: 193 //step - loss: 194 //step - loss: 195 | B.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 D.3941 - accuracy: 0.9511 - val_loss: 0.4382 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/aleoshet. D.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 D.2990 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 D.3938 - accuracy: 0.9536 - val_loss: 0.4689 - val_accuracy: 0.8 D.3918 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 D.2938 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 D.2938 - accuracy: 0.9551 - val_loss: 0.3560 - val_accuracy: 0.8 D.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 D.2514 - accuracy: 0.9718 - val_loss: 0.2881 - val_accuracy: 0.9 | 688-440. 401-451-451-451-451-451-451-451-451-451-45 |
| | //step - loss: | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9651 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.2918 - accuracy: 0.9625 - val_loss: 0.5489 - val_accuracy: 0.9 0.2930 - accuracy: 0.9625 - val_loss: 0.5284 - val_accuracy: 0.9 0.2930 - accuracy: 0.9561 - val_loss: 0.5580 - val_accuracy: 0.9 0.2734 - accuracy: 0.9718 - val_loss: 0.2881 - val_accuracy: 0.9 0.2534 - accuracy: 0.9718 - val_loss: 0.2884 - val_accuracy: 0.9 0.2530 - accuracy: 0.9736 - val_loss: 0.2844 - val_accuracy: 0.9 0.2533 - accuracy: 0.9725 - val_loss: 0.2841 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexMet. | 688-440. 401-451-451-451-451-451-451-451-451-451-45 |
| | //step - loss: 666 //step - loss: 666 //step - loss: 684 //step - loss: 119 //step - loss: 119 //step - loss: 119 //step - loss: 111 //step - loss: 112 //step - loss: 113 //step - loss: 114 //step - loss: 115 //step - loss: 115 //step - loss: 116 //step - loss: 117 //step - loss: 118 //step - loss: 119 //step - loss: 110 //step - loss: | 0.3334 - accuracy: 0.9569 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexMet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9651 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.2918 - accuracy: 0.9625 - val_loss: 0.5489 - val_accuracy: 0.9 0.2930 - accuracy: 0.9625 - val_loss: 0.5284 - val_accuracy: 0.9 0.2930 - accuracy: 0.9561 - val_loss: 0.5580 - val_accuracy: 0.9 0.2734 - accuracy: 0.9718 - val_loss: 0.2881 - val_accuracy: 0.9 0.2534 - accuracy: 0.9718 - val_loss: 0.2884 - val_accuracy: 0.9 0.2530 - accuracy: 0.9736 - val_loss: 0.2844 - val_accuracy: 0.9 0.2533 - accuracy: 0.9725 - val_loss: 0.2841 - val_accuracy: 0.9 model to /content/drive/My Drive/COVID/Vanshika/Models/alexMet. | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Book 1903 1 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Book 1903 1 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Spoth 80037: val_accuracy did not improve from 0.318 booth 87/3 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Section 1/20 18/18 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Section 1972 186 187 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Sept. 1903 1.0 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Sept. 1900; val_accuracy did not improve from 0.218 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |
| Book 08097: val_accuracy did not improve from 0.918 Book 08708 | //step - loss: 666 666 675tep - loss: 984019, saving 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 199 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 675tep - loss: 191 1975tep - loss: 191 1955tep - loss: 190 1975tep - loss: 190 190 190 190 190 190 190 190 190 190 | 0.3334 - accuracy: 0.9599 - val_loss: 0.5129 - val_accuracy: 0.8 0.3041 - accuracy: 0.9611 - val_loss: 0.4302 - val_accuracy: 0.9 model to /content/drive/Hy Drive/COVID/Vanshika/Models/alexHet. 0.3189 - accuracy: 0.9539 - val_loss: 0.6216 - val_accuracy: 0.7 0.2900 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.4751 - val_accuracy: 0.8 0.3058 - accuracy: 0.9536 - val_loss: 0.3264 - val_accuracy: 0.8 0.2918 - accuracy: 0.9551 - val_loss: 0.3264 - val_accuracy: 0.9 0.2980 - accuracy: 0.9591 - val_loss: 0.5560 - val_accuracy: 0.9 0.2780 - accuracy: 0.9518 - val_loss: 0.2881 - val_accuracy: 0.9 0.2514 - accuracy: 0.9718 - val_loss: 0.2588 - val_accuracy: 0.9 0.2469 - accuracy: 0.9736 - val_loss: 0.2584 - val_accuracy: 0.9 0.2503 - accuracy: 0.9736 - val_loss: 0.2417 - val_accuracy: 0.9 0.2503 - accuracy: 0.9774 - val_loss: 0.2508 - val_accuracy: 0.9 | 18: 13: 13: 149: 149: 164: 168: 168: 168: 168: 168: 168: 168: 168 |

1 of 2 05/06/20, 2:06 pm

| | precision | recall | f1-score | support |
|-----------------|-----------|--------|----------|---------|
| COVID-19 | 0.97 | 0.97 | 0.97 | 31 |
| Normal | 0.97 | 0.97 | 0.97 | 193 |
| Viral Pneumonia | 0.97 | 0.97 | 0.97 | 194 |
| accuracy | | | 0.97 | 418 |
| macro avg | 0.97 | 0.97 | 0.97 | 418 |
| weighted avg | 0.97 | 0.97 | 0.97 | 418 |

1 of 1 05/06/20, 2:17 pm