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| **Test 1: 10 Epoch 128 Layer Dense CNN** |
| A graph of training and validation loss  Description automatically generated |
| Final Values: Training Accuracy: 0.9942 Validation Accuracy: 0.6117  Training Loss: 0.0259  Validation Loss: 0.6117 |
| **Test 2: 10 Epoch 128 Layer Dense CNN with Data Augmentation** |
| **A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of  Description automatically generated** |
| Final Values: Training Accuracy: 0.7449 Validation Accuracy: 0.6975  Training Loss: 0.6771  Validation Loss: 0.7840 |
| **Test 3: 10 Epoch 128 Layer Dense CNN with Data Augmentation and 0.2 Dropout** |
| **A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of** |
| Final Values: Training Accuracy: 0.7551 Validation Accuracy: 0.7221  Training Loss: 0.6487  Validation Loss: 0.7457 |
| **Test 4: 10 Epoch 128 Layer Dense CNN with Data Augmentation and 0.1 Dropout** |
| **A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of** |
| Final Values: Training Accuracy: 0.7432 Validation Accuracy: 0.6785  Training Loss: 0.6762  Validation Loss: 0.7812 |
| **Test 5: 10 Epoch 128 Layer Dense CNN with Data Augmentation and 0.3 Dropout** |
| A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of  Description automatically generated |
| Final Values: Training Accuracy: 0.7575 Validation Accuracy: 0.6812  Training Loss: 0.6573  Validation Loss: 0.8626 |
| **Test 6: 20 Epoch 128 Layer Dense CNN with Data Augmentation** |
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| Final Values: Training Accuracy: 0.8579 Validation Accuracy: 0.7357  Training Loss: 0.3895  Validation Loss: 0.7887 |
| **Test 7: 20 Epoch 128 Layer Dense CNN with Data Augmentation and 0.2 Dropout** |
| **A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of  Description automatically generated** |
| Final Values: Training Accuracy: 0.8127 Validation Accuracy: 0.7520  Training Loss: 0.5087  Validation Loss: 0.6649 **Best So Far** |
| **Test 8: 20 Epoch 128 Layer Dense CNN with Data Augmentation and 0.1 Dropout** |
| **A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of  Description automatically generated** |
| Final Values: Training Accuracy: 0.8491 Validation Accuracy: 0.7071  Training Loss: 0.4107  Validation Loss: 0.7981 |
| **Test 9: 20 Epoch 128 Layer Dense CNN with Data Augmentation and 0.3 Dropout** |
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| Final Values: Training Accuracy: 0. 8365 Validation Accuracy: 0.7343  Training Loss: 0.4438  Validation Loss: 0.7924 |
| **Test 10: 30 Epoch 128 Layer Dense CNN with Data Augmentation and 0.2 Dropout** |
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| Final Values: Training Accuracy: 0. 8770 Validation Accuracy: 0.7439  Training Loss: 0.3392  Validation Loss: 0.7481 |