**Consolidated final models:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model Name | Model Type | No. of Params | Augment Data | Model Size(MB) | Highest validation accuracy | Corresponding Training accuracy | Remarks |
| Model 8-conv\_3d8\_model | Conv3D | 230,949 | Yes | 2.87 | 78% | 86% | Low memory footprint |
| Model 10 – conv\_3d10\_model | Conv3D | 3,638,981 | Yes | 43.8 | 86% | 86% | - |
| Model 19 – rnn\_cnn\_tl2\_model | CNN+RNN Transfer Learning used on CNN | 3,692,869 | yes | 42.3 | 97% | 99% | Best Model achieved in terms of accuracy |