

Gesture Recognition Assignment

Experiment Number	Model	Result	Decision + Explanation
1	Conv3D	Train Accuracy: 0.9668, Validation Accuracy: 0.7400	Even though training accuracy is good but validation accuracy deviation is high. But in model 2 the training and validation accuracy difference is low comparatively
2	Time Distributed + ConvLSTM 2D	Train Accuracy: 0.7240, Validation Accuracy: 0.6700	With this approach the accuracy decreased. But This is the best model so far we can get. The validation accuracy is good and the numbers of parameters are 13,589.
3	Conv3D Dropout = 0.5	Train Accuracy: 0.8974, Validation Accuracy: 0.2700	with dropout 0.5 the model validation score further reduced and the model is over-fitted.