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| **Experiment Number** | **Model** | **Result** | **Decision + Explanation** |
| **1** | **Conv3D** | **Very Less accuracy** | **Underfitting** |
| **2** | **Conv3D** | **Memory error** | **For larger batch size, got memory exception, resolved by decreasing batch size** |
| **3** | **Conv3D** | **Still underfitting** | **Proceeding with CNN RNN** |
| **4** | **CNN RNN** | **Overfitting** | **More complex model** |
| **5** | **CNN RNN** | **Underfitting** | **Very simple** |
| **6** | **CNN RNN** | **Regularized well** | **Good Accuracy** |
| **Final Model** | **CNN RNN** | **83% Accuracy** |  |