This is a sample write-up. The write-up need not be in tabular form.

It doesn’t state that ConvLSTM will give you better results than Conv3D. The explanation should be as detailed as possible so that the logic behind the decision is conveyed. Also, there are a lot of things you can experiment with in the generator function and elsewhere. Please do not forget to specify the exact metric values, here Accuracy which drives your decision.

You can draw inspiration from the concepts taught in the Industry demo in CNNs to experiment with the data and different architectures.

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| --- | --- | --- | --- |
| **Experiment Number** | **Model** | **Result** | **Decision + Explanation** |
| **1** | **Conv3D** | **Accuracy 0.82** | **One Input layer with dimentions 30, 120, 120, 3.**  **Output layer with dimentions 5** |
| **2** | **Conv3D** | **Accuracy 0.90** | **Cropping non symmetric frames,**  **abeling data with horizobtal flip, right swipe becomes left swipe and viceversa** |
| **Final Model** | **Conv3D** | **Accuracy 0.90** | **One Input layer with dimentions 30, 120, 120, 3.**  **Output layer with dimentions 5.**  **ense layers with 2 layers followed by dropout to avoid overfitting** |