1. Preparing Dataset

* Computation of mean optical flow using [Simple Flow](http://people.csail.mit.edu/sparis/publi/2012/eurographics/Tao_12_SimpleFlow_lowres.pdf)
* Adding tuples of three consecutive images from dataset having optical flow above threshold
* Training, validation, test

1. Building model

* Model architecture as given [here](https://github.com/martkartasev/sepconv/blob/master/src/model.py)

1. Making output images

* Using output 1D kernels from model to make interpolated image , pixel by pixel
* Applying padding to edge cases
* Calculation of loss between ground truth and estimated image

1. Training

* Gonna take days maybe but saving checkpoint after training for a while
* Visual validation after each epoch so that we can check it is improving as expected