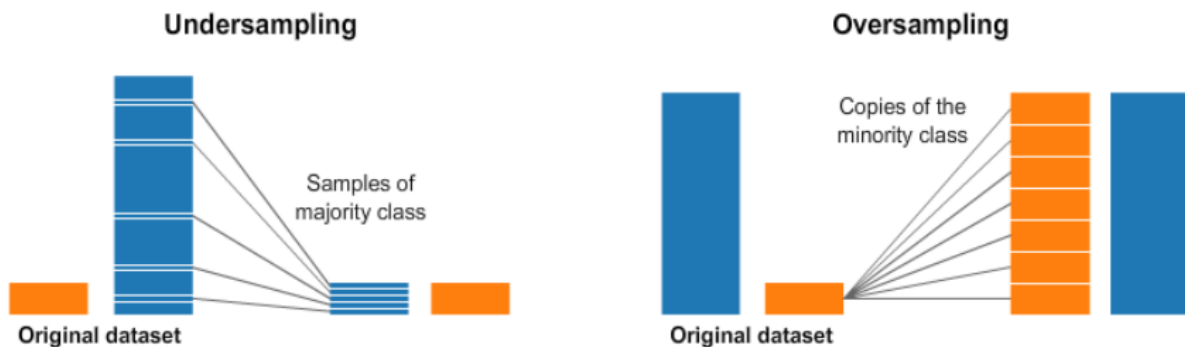
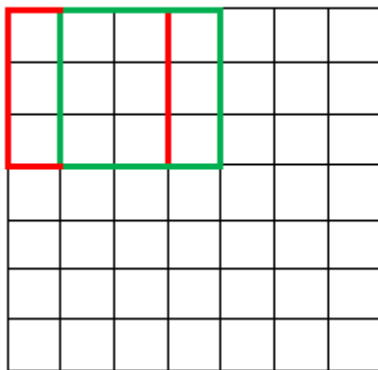


Over & Under sampling: In classification problem we use over and under sampling to level out the classes. When there are too much data in one class and few data on the other; we reduce samples from the more data class so that both class has same amount of datasets. Vice – versa.

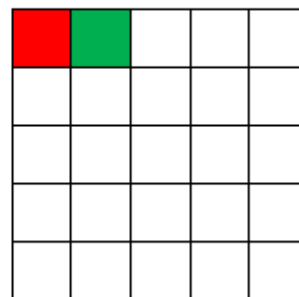


Stride: Stride is a filter of NN used in CNN to that modifies the movement of the kernel over image or, video. Suppose, If stride value is 1 then, the kernel will move to the next by one pixel.

7 x 7 Input Volume



5 x 5 Output Volume



Imagine in a CNN the filter size is 3×3 . This 9pixel will be converted into 1 pixel in the output layer. If the stride is increased; the output value will get smaller with it.