

Assignment 12

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1. Introduction

We took an RGB cat image.



Fig: RGB Image

Then we pass this image in a CNN model. And we got various results for changing the number of layers.

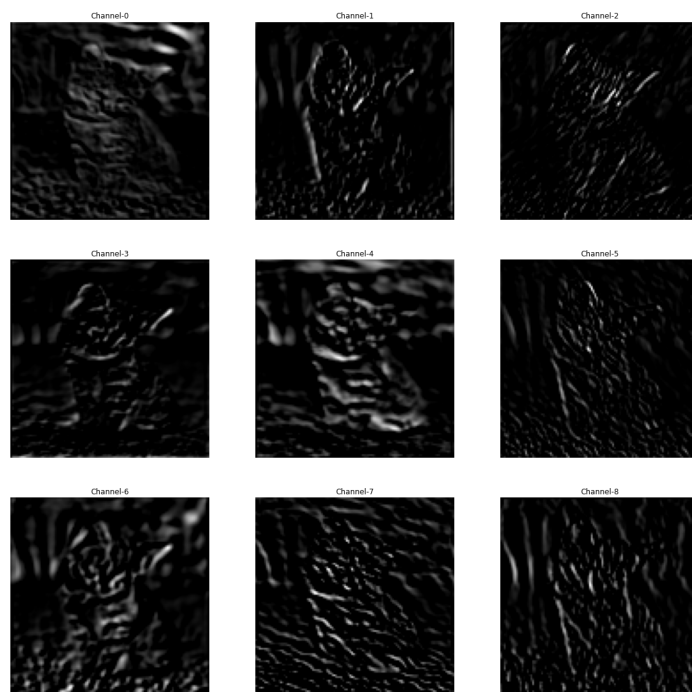
For Number of Layer 2



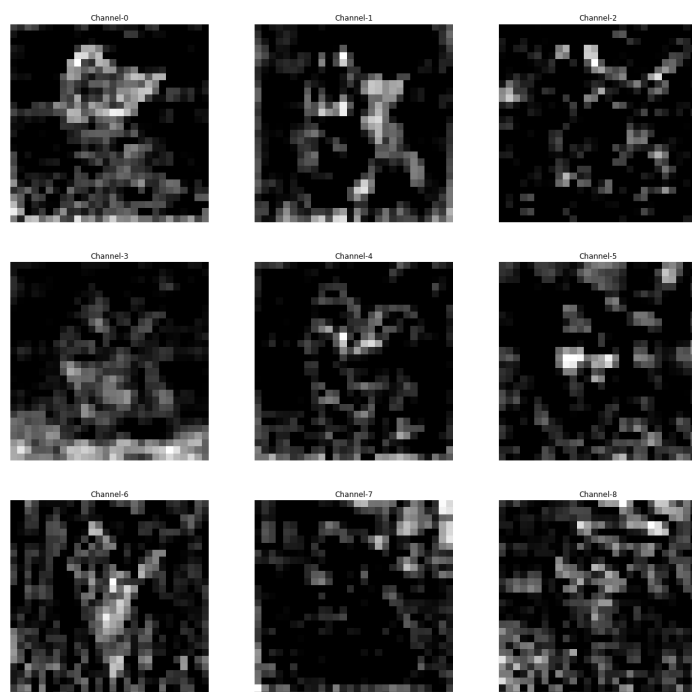
For Number of Layer 3,



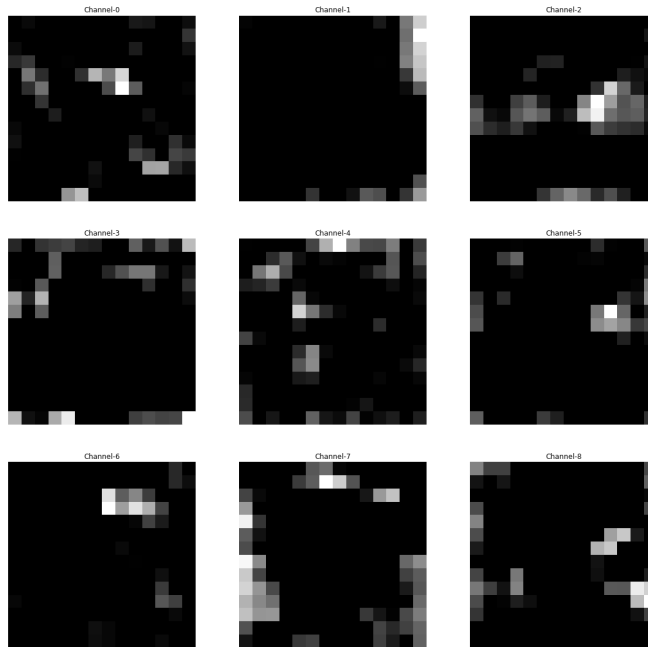
For Number of Layer 5,



For Number of Layer 10,



For Number of Layer 15,



As we can see from the above output images, the changes in the number of layers changes the image as the number of iteration for each layer increases.