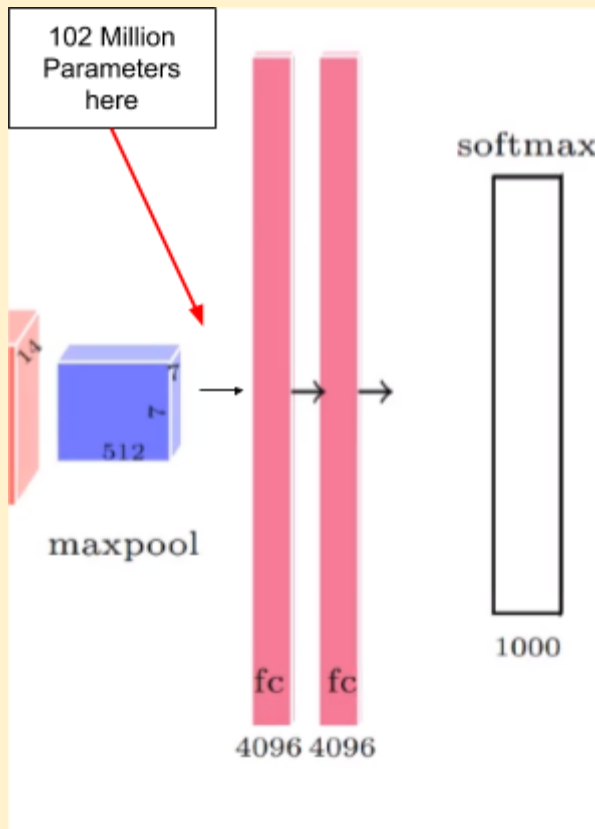---

CNN Architectures II

Setting the context

How do we address what's been bothering us so far with CNNs

1. To pick up from VGGNet, can we do something to reduce the huge number of parameters incurred between the non-FC Layer and the FC Layer.

2. Another question we can ask is why we must stop at 16 layers, can we not go deeper.
3. So by combining the above two points, we can make the network deeper to reduce the number of parameters at the interface between the non-FC and the FC layers.
4. We must also make sure that the number of computations (Sliding a filter across the input) is not very high.
5. Our problem points can be summarised as follows
   a. Increase choice of filters
   b. Reduce number of parameters
   c. Reduce number of computations
   d. Make a deeper network