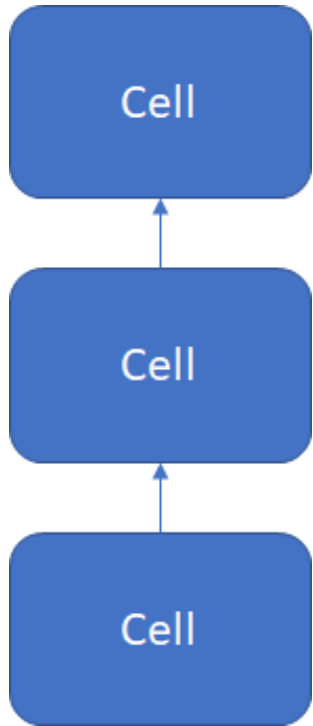


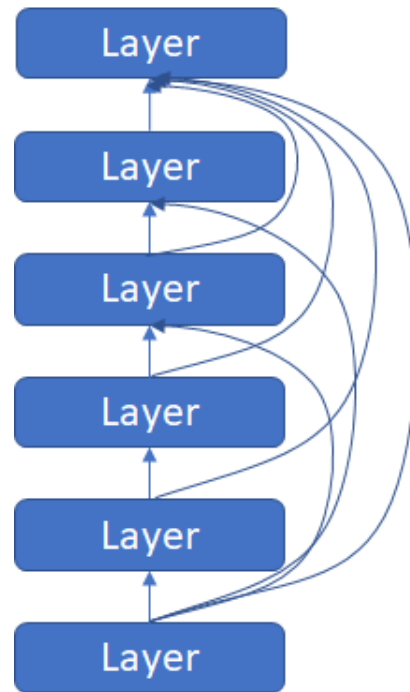
# Macro Neural Architecture Search Revisited

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**Cell Search:** applies the found template on predefined skeleton.



**Macro Search:** learns all connections and layer types.

**Cell Search:** the predefined skeleton ensures the simplest cell search can achieve 4.6% error with 0.4M params on CIFAR 10.

**Key take-away:** macro search can be competitive against cell search, even with simple random growing strategies, if the initial model is the same as cell search.