

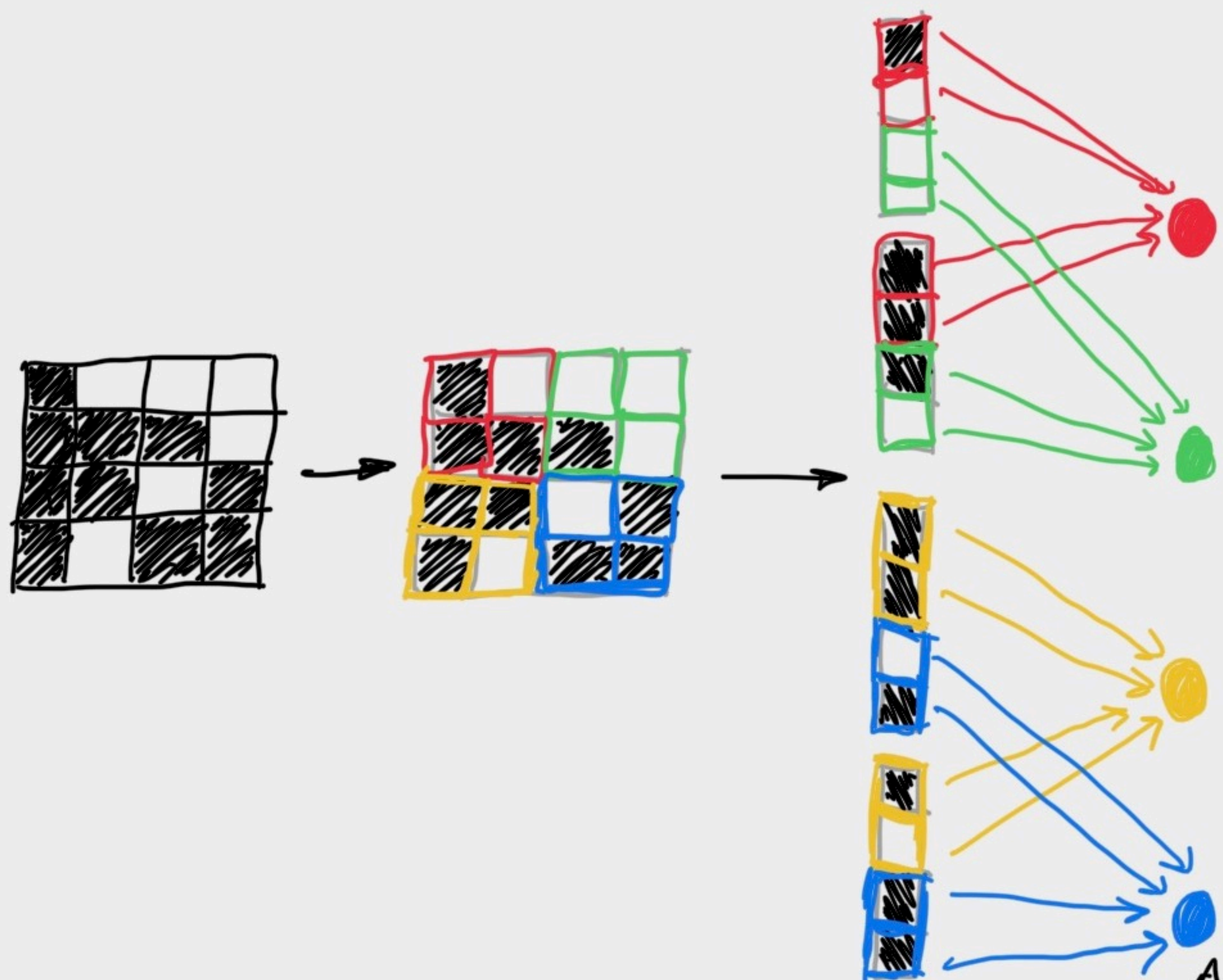
# MLPs versus CNNs

## MLP:

- only use fully-connected layers
- only accept vectors as input
- tosses the connections between vector elements

## CNN:

- no need for all-fully-connected layers

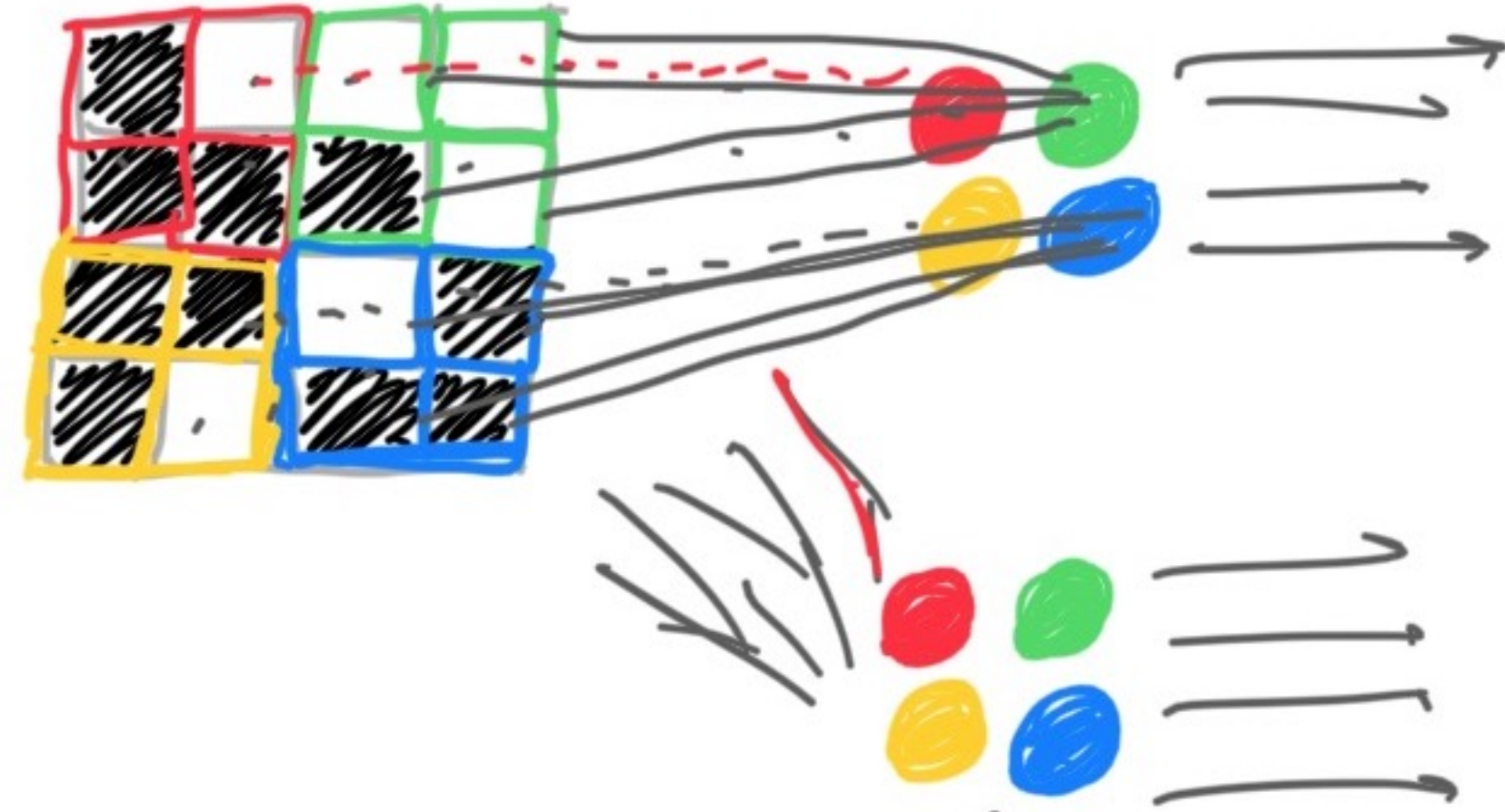


no longer FC.  
also called locally  
connected layer.

every hidden node  
is in charge of  
one region!

How does CNN look like?





a second set of hidden nodes.