Model Building Adding CNN Layers

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* As the input image contains three channels, we are specifying the input shape as (64,64,3).
* We are adding a two-convolution layer with activation function as “relu” and
* with a small filter size (3,3) and the number of filters (32) followed by a max- pooling layer.
* Max pool layer is used to down sample the input. (Max pooling is a pooling operation that selects the maximum element from the region of the feature map covered by the filter)
* Flatten layer flattens the input. Does not affect the batch size.

