

a. CNN Initial Layer Activation vs Later ones –

The later layers are more abstracts—difficult to interpret for humans

In the initial layers , it is capturing the basic shapes (simplified representation) of a horse – mostly via a combination of horizontal and vertical edges

b. Unet vs CNN-

The Unet Activation visualizations resemble a horse much more (especially it's initial layers).

Much less “noisy” , higher contrast/sharpness than CNN activations. (especially when we compare the corresponding layer activations).

The distinction between the foreground object (horse) & background is more precisely captured.