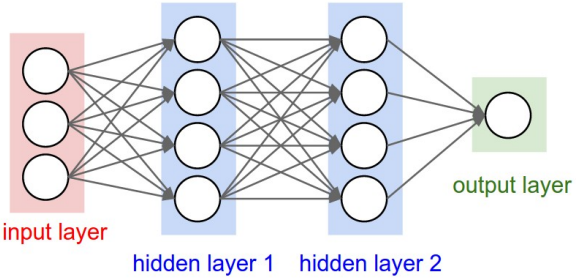
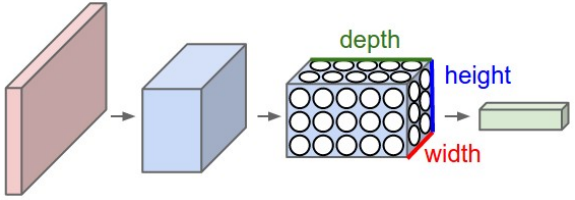
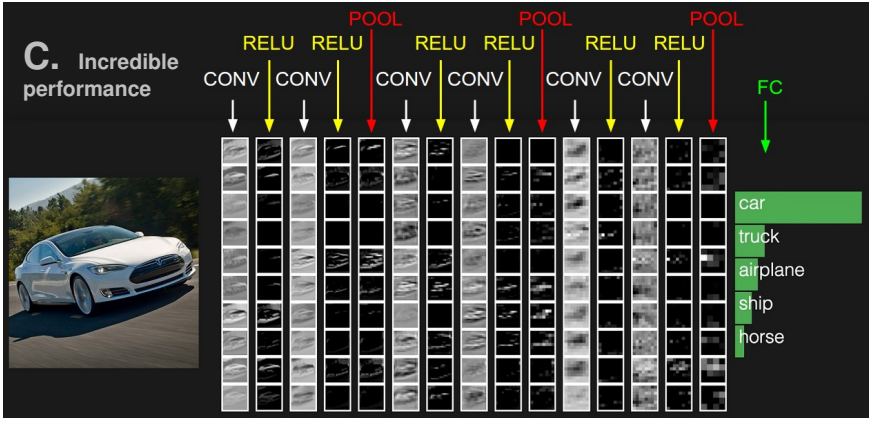
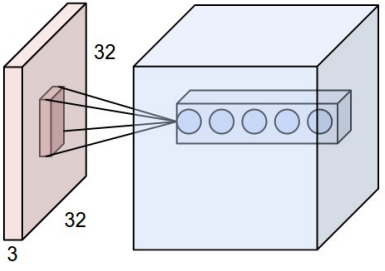
A. **Classical Architecture (fully connected)**



B. **Convolutional NN Architecture**
(Modified "physics-aware" connectivity to target image data)



C. **Incredible performance**



Covolutional filters use domain knowledge that nearby pixles are related