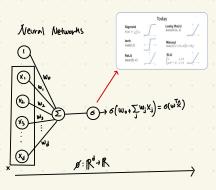
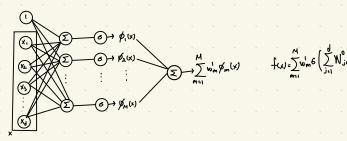
## Deep Learning



Multi-Layen- Perception (MLP) - One Hidden layer



- · The problem with fully connected networks (MUP)
- A 256x256 (RGB) image = ~200k dimesional inputx
- A fully connected network would need a very large # of parameters, very likely to overfix
- Generic deep network also doesn't capture the natural invariances we expect in image

