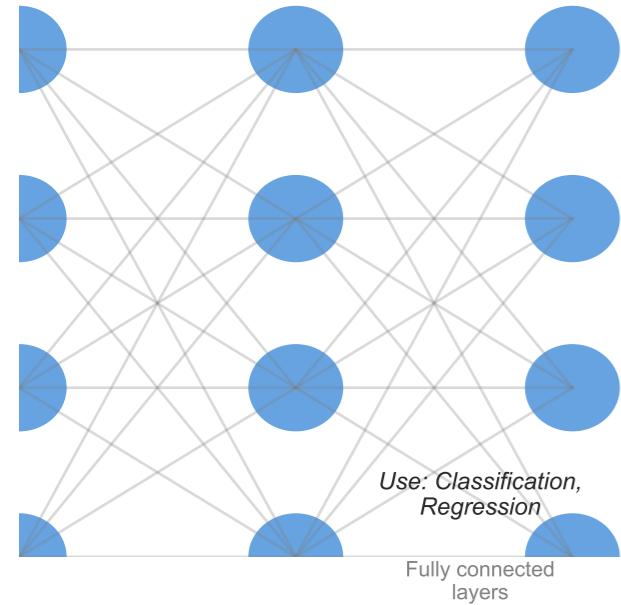


# Neural Network Architecture Types

**Feedforward  
(MLP)**



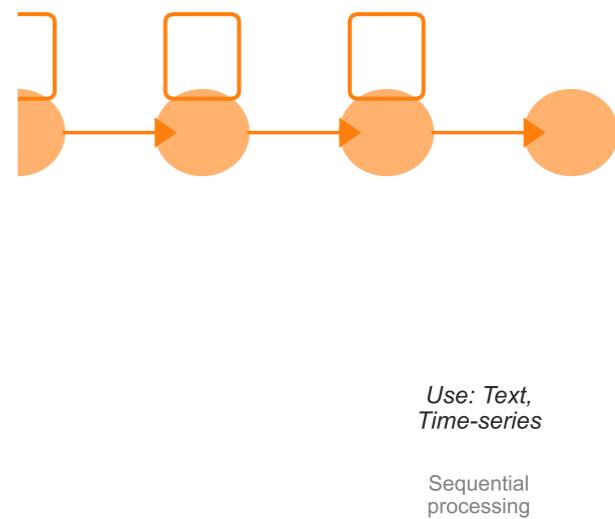
**Convolutional  
(CNN)**



Use: Images,  
Video

Spatial feature  
detection

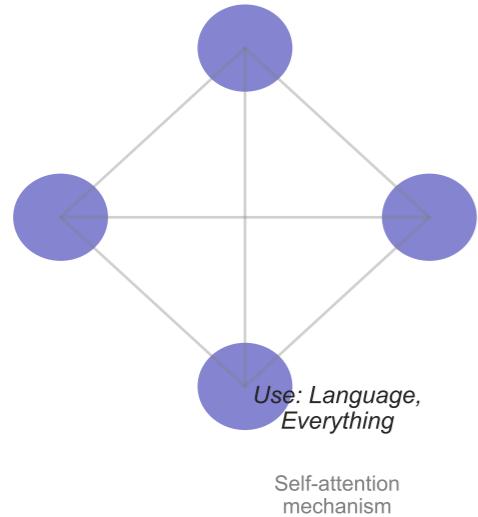
**Recurrent  
(RNN/LSTM)**



Use: Text,  
Time-series

Sequential  
processing

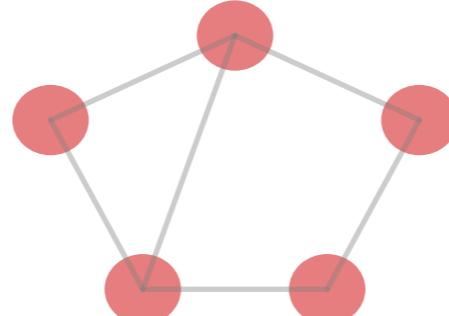
**Transformer**



Use: Language,  
Everything

Self-attention  
mechanism

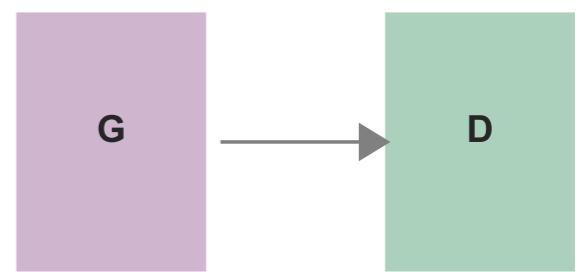
**Graph Neural  
(GNN)**



Use: Social networks,  
Molecules

Graph structure  
learning

**Generative  
(GAN/VAE)**



Use: Images,  
Audio

Generate new  
samples