



Neural Network Classifiers

- Neural network has multiple layers
 - Each layer acts as input to next later
- First layer has input nodes, which are assigned values from input attributes
- Each node combines values of its inputs using some weight function to compute its value
 - Weights are associated with edges
- For classification, each output value indicates likelihood of the input instance belonging to that class
 - Pick class with maximum likelihood
- Weights of edges are key to classification
- Edge weights are learnt during training phase

