

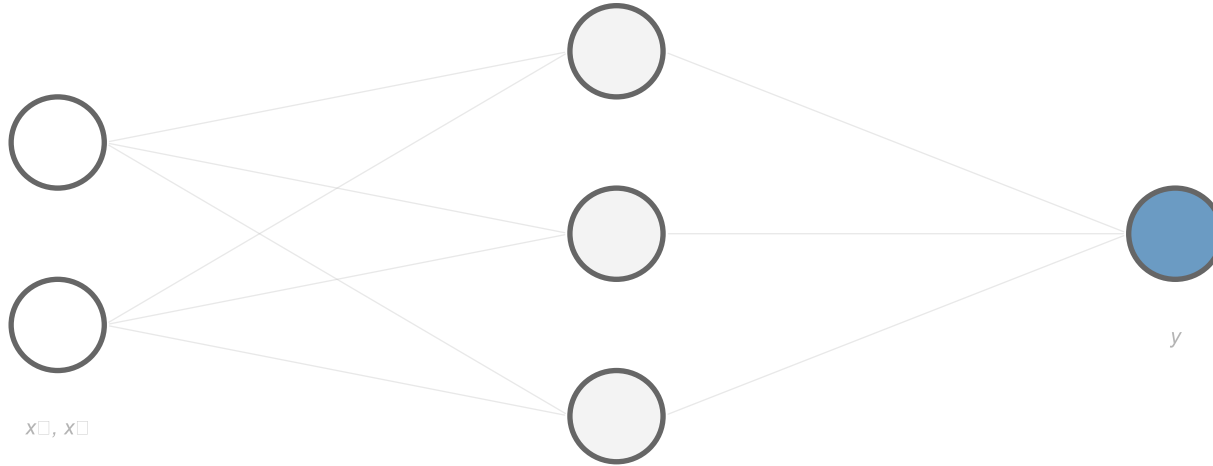
# Your First Neural Network Architecture

*XOR Problem Solver*

**Input**  
2 neurons

**Hidden**  
4 neurons

**Output**  
1 neuron



*ReLU*

```
keras.Sequential([Dense(4, activation='relu', input_shape=[2]), Dense(1)])
```

*Training: 500 epochs | Optimizer: Adam | Loss: MSE*