

Neural Network Architecture: Building Intelligence in Layers

INPUT LAYER

(Market Features)

Interest Rate

Volatility Index

Market Sentiment

Trading Volume

Yesterday Price

HIDDEN LAYER

(Pattern Detection)

Weights $W^{(1)}$

Weights $W^{(2)}$

OUTPUT LAYER

(Prediction)

Price Direction

Network Summary:
5 Inputs
6 Hidden Neurons
1 Output
Total Weights: 36

Information Flow

Each connection has a WEIGHT
Each neuron applies ACTIVATION FUNCTION

