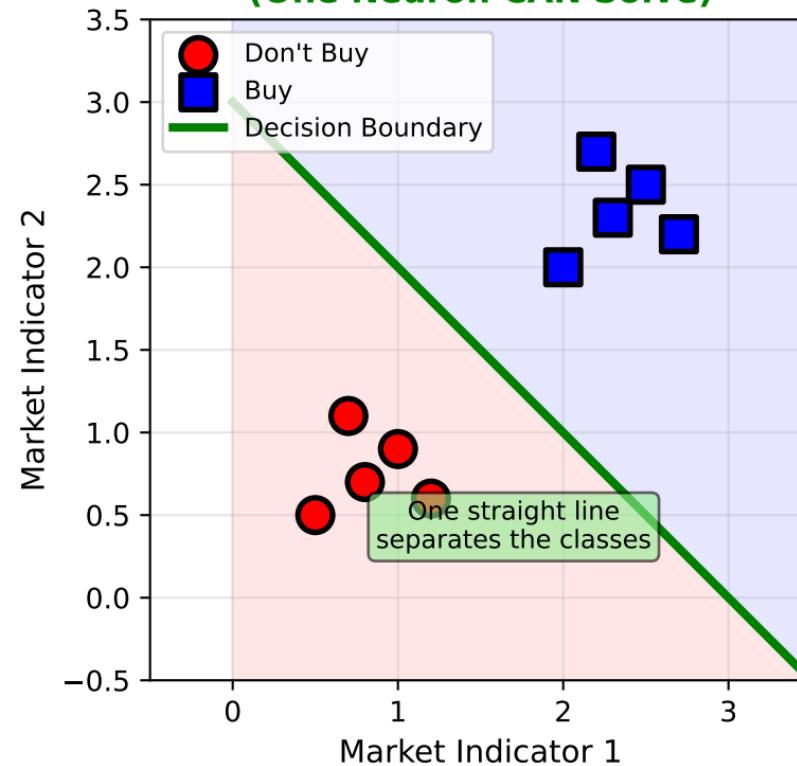
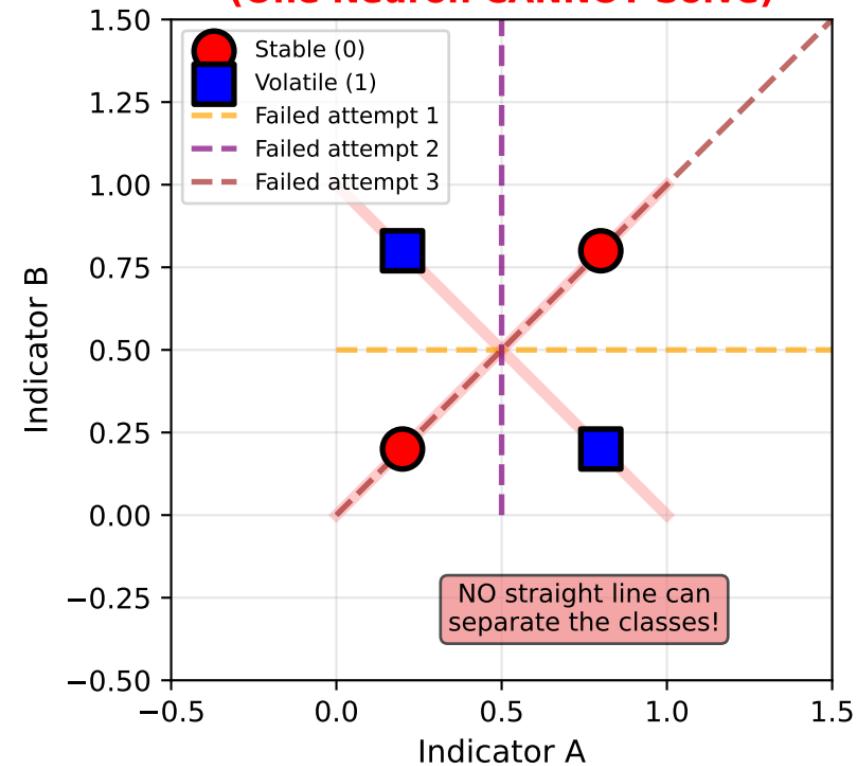


Why One Neuron Is Not Enough

Linearly Separable Problem (One Neuron CAN Solve)



Non-Linearly Separable Problem (One Neuron CANNOT Solve)



Solution: Use Multiple Layers (Hidden Layers) to Create Non-Linear Decision Boundaries