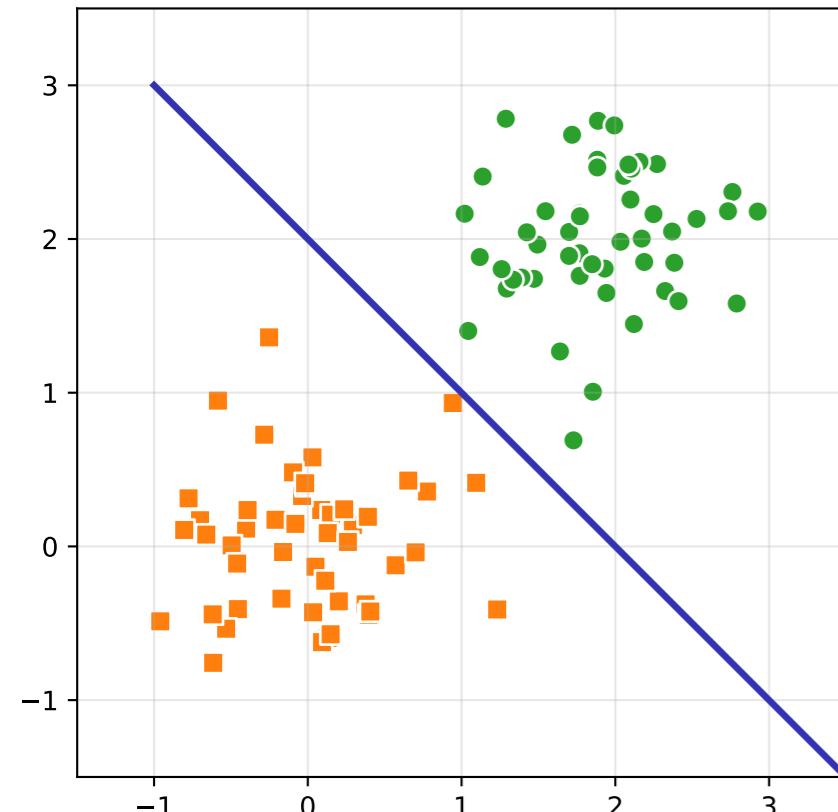


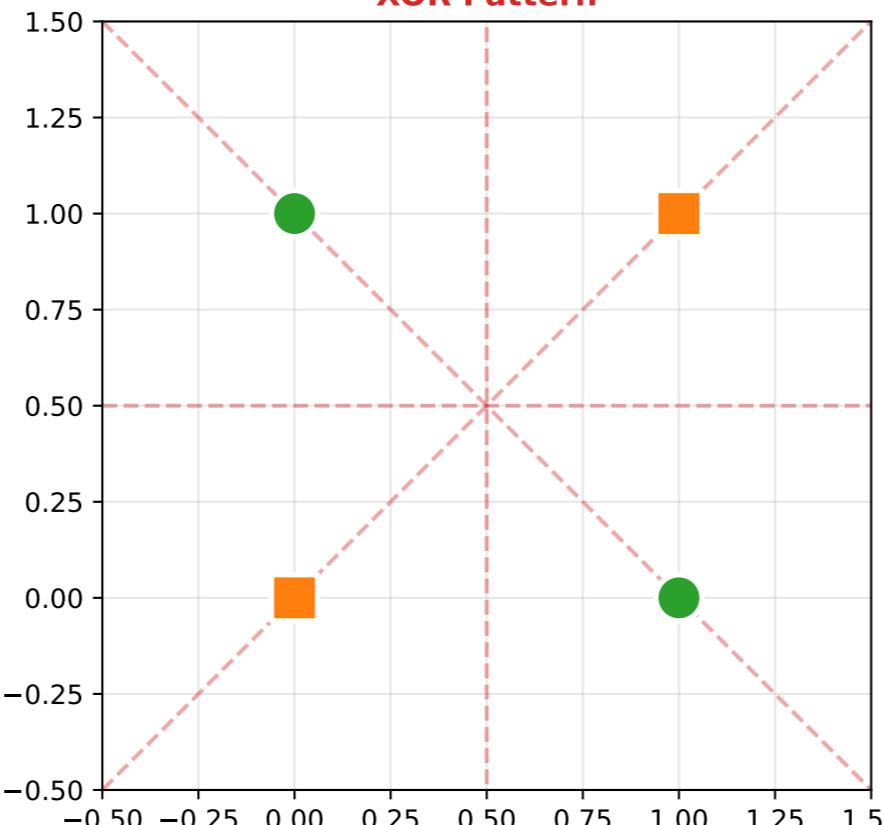
# Linear vs Non-Linear Decision Boundaries

Linearly Separable



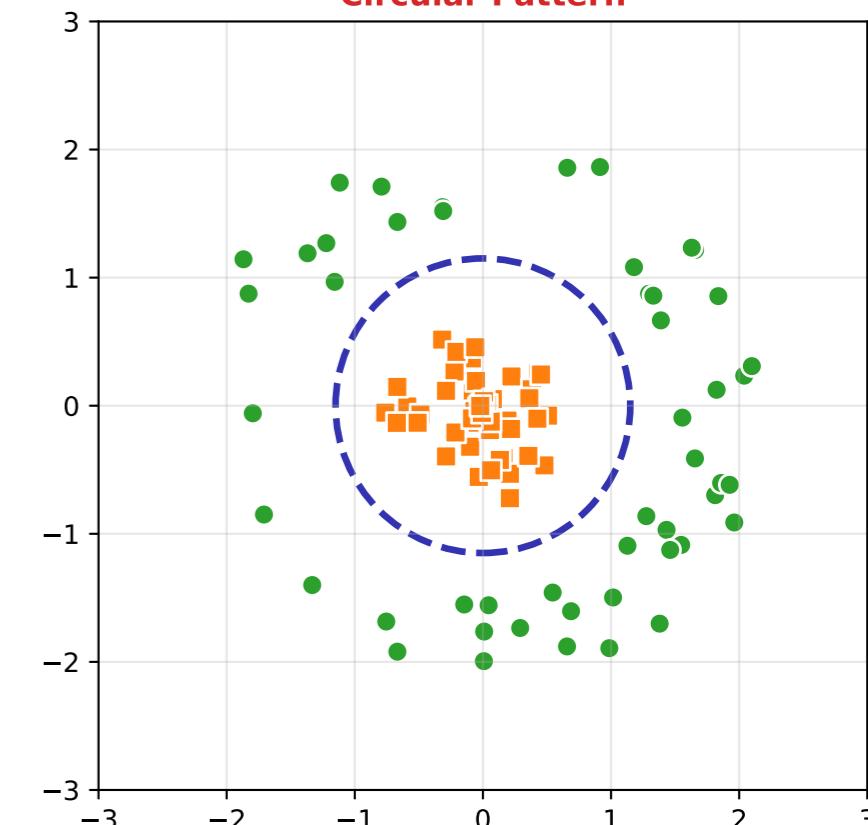
Perceptron CAN solve

XOR Pattern



Perceptron CANNOT solve

Circular Pattern



Perceptron CANNOT solve

*A single perceptron can only draw linear boundaries (straight lines/hyperplanes)*