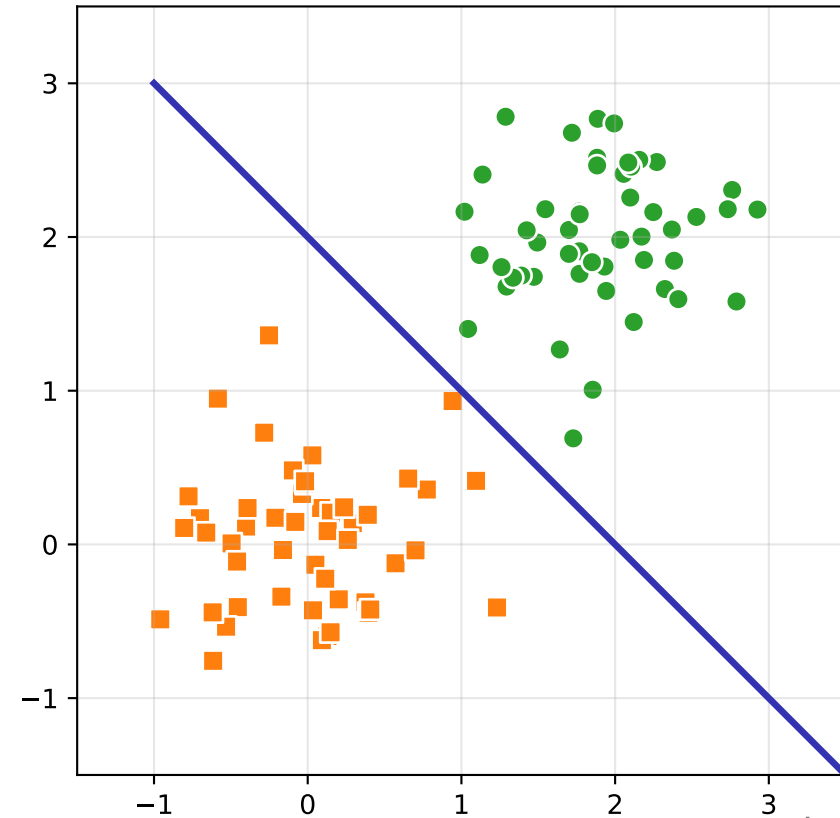


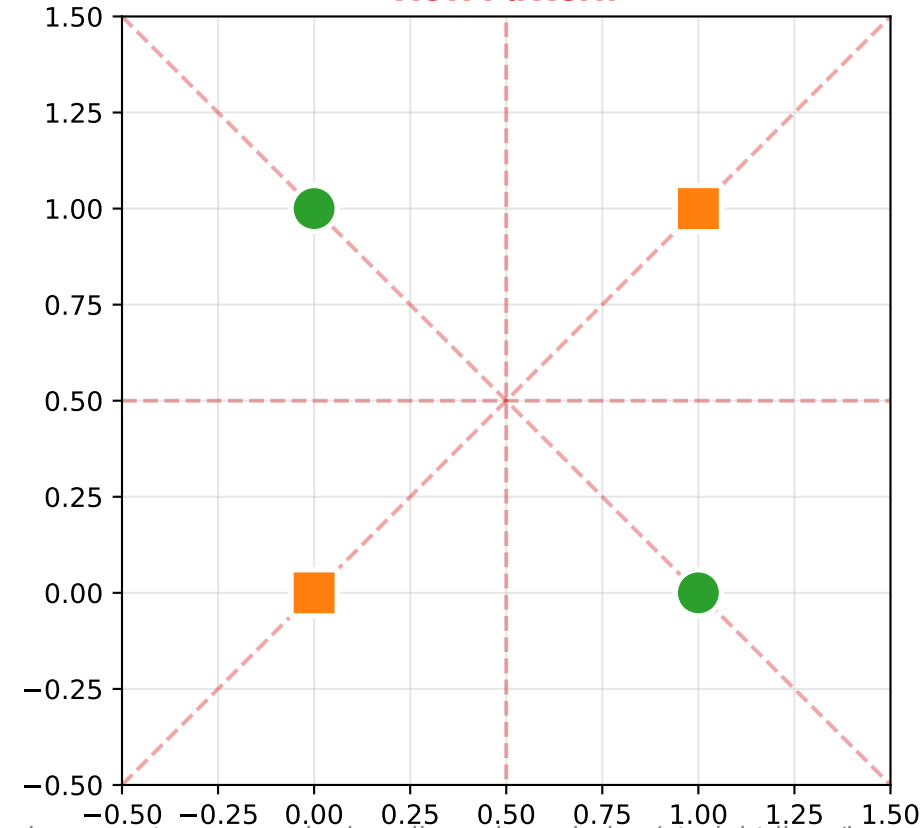
Linear vs Non-Linear Decision Boundaries

Linearly Separable



Perceptron CAN solve

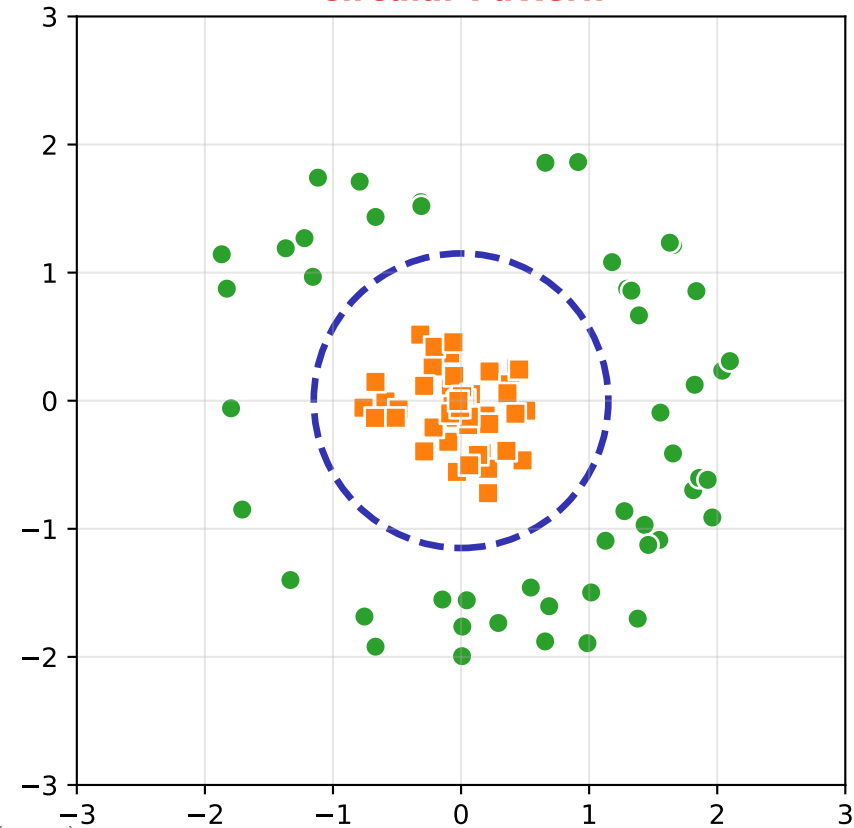
XOR Pattern



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

Perceptron CANNOT solve

Circular Pattern



Perceptron CANNOT solve