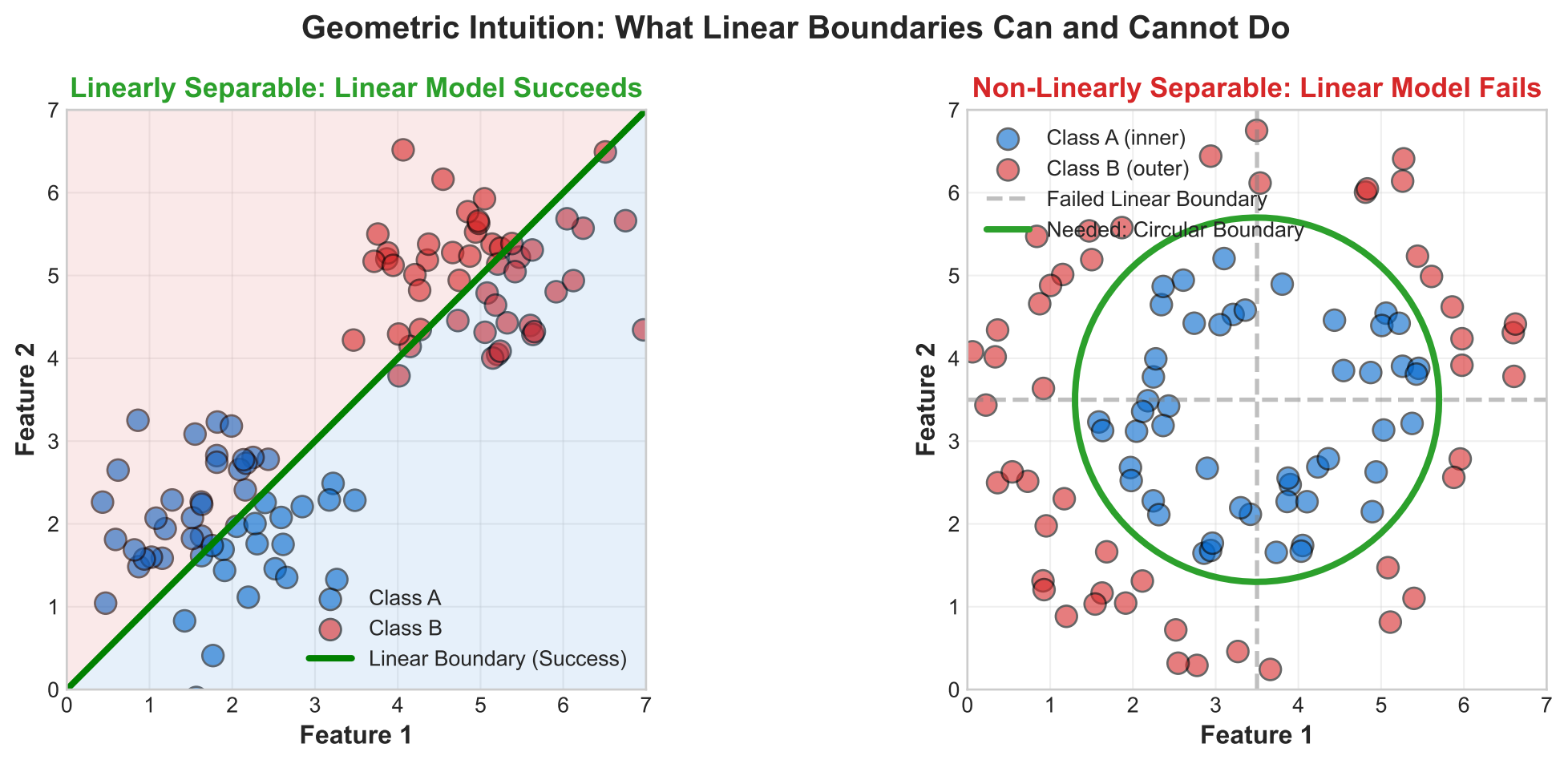
Geometric Intuition: What Linear Boundaries Can and Cannot Do
Linearly Separable: Linear Model Succeeds
Feature 2
Feature 1
Class A
Class B
Linear Boundary (Success)
Non-Linearly Separable: Linear Model Fails
Class A (inner)
Class B (outer)
Failed Linear Boundary
Needed: Circular Boundary
Feature 2
Feature 1