

Paradigm Shift in AI

❌ Old Paradigm

Task-Specific Models



Task-specific models trained from scratch



Requires labeled data for each task



Heavy feature engineering needed



Limited scale and capabilities



No knowledge transfer between tasks



🌟 New Paradigm

Foundation Models



General-purpose foundation models



Pre-train on massive text, then adapt



Self-supervised learning from unlabeled data



Scale matters: emergent capabilities



Democratization: accessible to all