Transfer Learning: Dramatic Data Efficiency Gain

Legend: Data needed, Test accuracy

- 10,000
- 78%
- 92%
- 100
- 100x less data! 14% better!

Y-axis (left): Training Examples Needed (10^2, 10^3, 10^4)
Y-axis (right): Test Accuracy (%) (0, 20, 40, 60, 80, 100)
X-axis: Train from Scratch, Pre-trained + Fine-tune