

# Transfer Learning

- The process whereby one uses neural network models trained in a related domain to accelerate the development of accurate models in your more specific domain of interest.
- Benefits:
  - Speeds up learning
  - Needs less data
  - Can leverage the expert tuning of state-of-the-art models

DEEP LEARNING	TRANSFER LEARNING
HOURS / DAYS	MINUTES
CLOUD / machines with a lot of compute power	PC / directly on the EDGE
Large Datasets (millions of images)	Small Datasets (tens or hundreds)

# HOW IT WORKS

