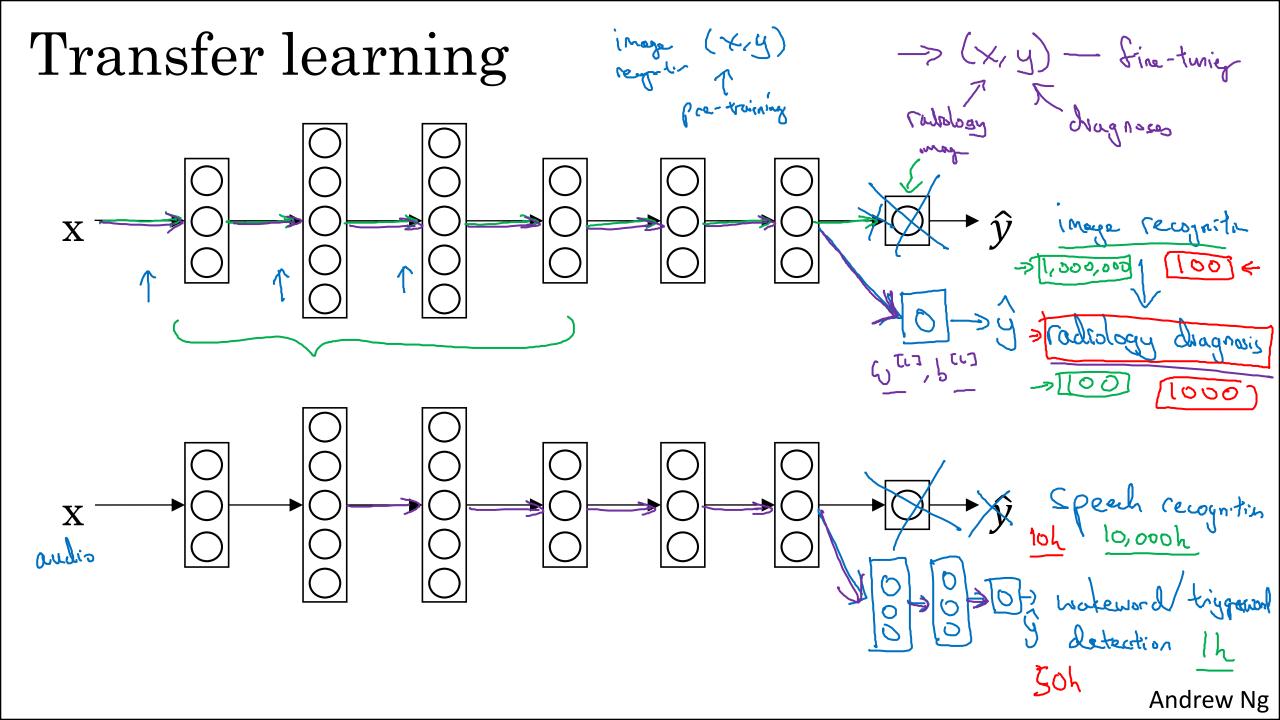


Learning from multiple tasks

Transfer learning



When transfer learning makes sense

Travely from A -> B

• Task A and B have the same input x.

• You have a lot more data for $\underbrace{Task A}_{\uparrow}$ than $\underbrace{Task B}_{\checkmark}$.

• Low level features from A could be helpful for learning B.