



deeplearning.ai

Learning from  
multiple tasks

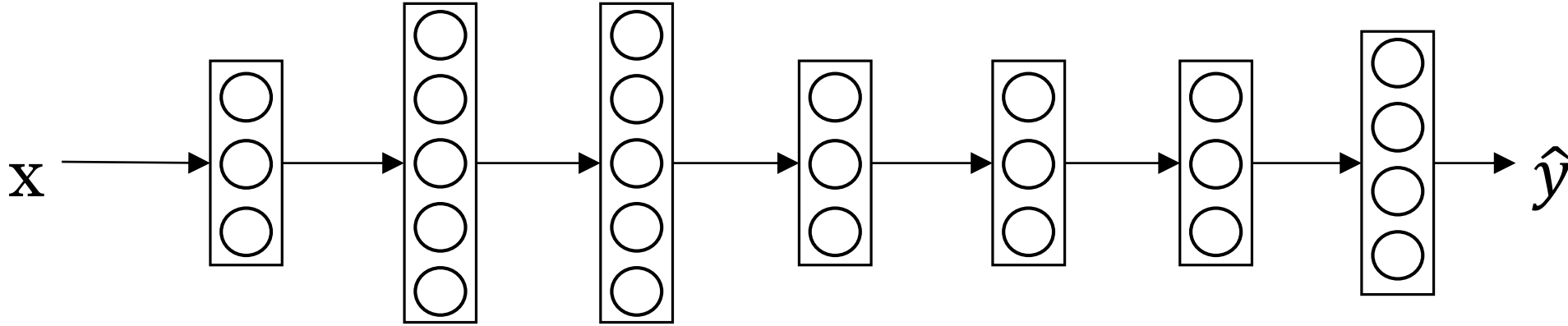
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Multi-task  
learning

# Simplified autonomous driving example



# Neural network architecture



# When multi-task learning makes sense

- Training on a set of tasks that could benefit from having shared lower-level features.
- Usually: Amount of data you have for each task is quite similar.
- Can train a big enough neural network to do well on all the tasks.