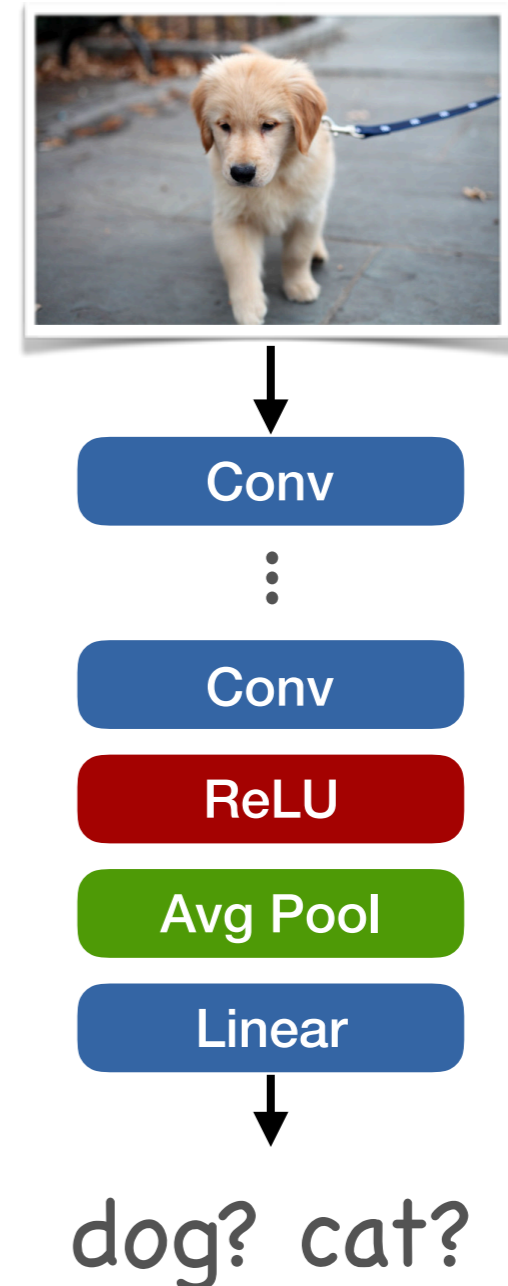


Learning with an expanding set of labels

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Recap: Classification

- Collect dataset
- Label dataset
- Train your big model



Example: Face classification



Bush

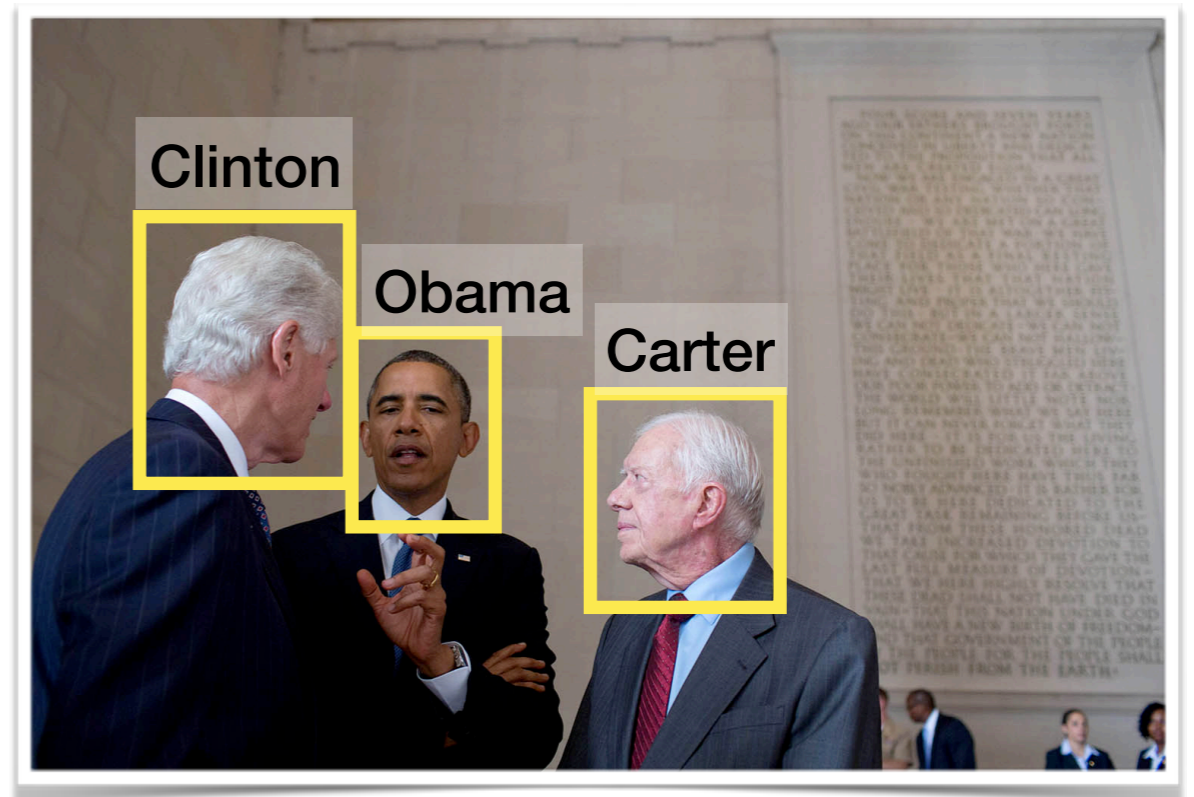


Kennedy



Washington

- Classify who is in a picture
- Each person is a class



Issues

- What do we do when we have a new class?
- Classifier needs to retrain

