

How to finetune a CV task

1. Task Analysis

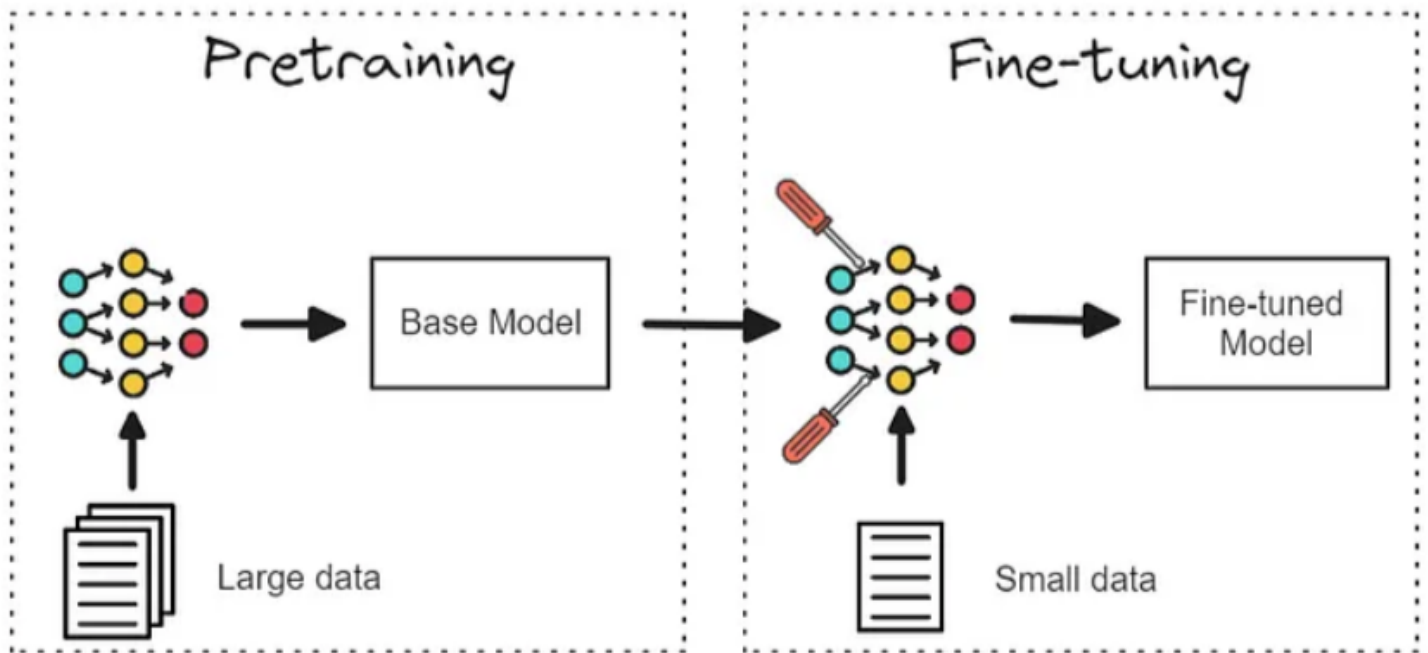
- Most CV tasks do not need training a model from scratch.
- Face mask detection.



- [Show demo.](#)

2. What is finetuning

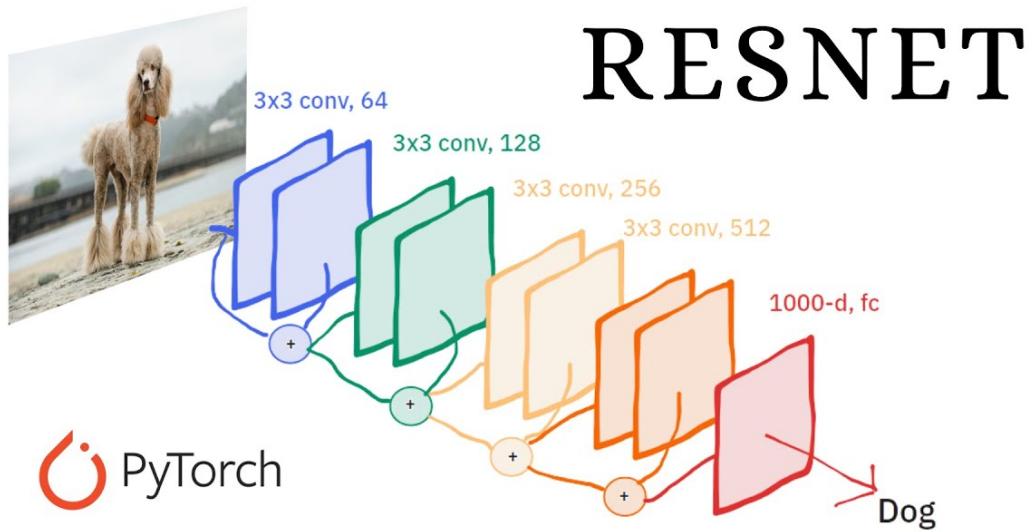
Make small adjustments to (something) in order to achieve the best or desired performance.



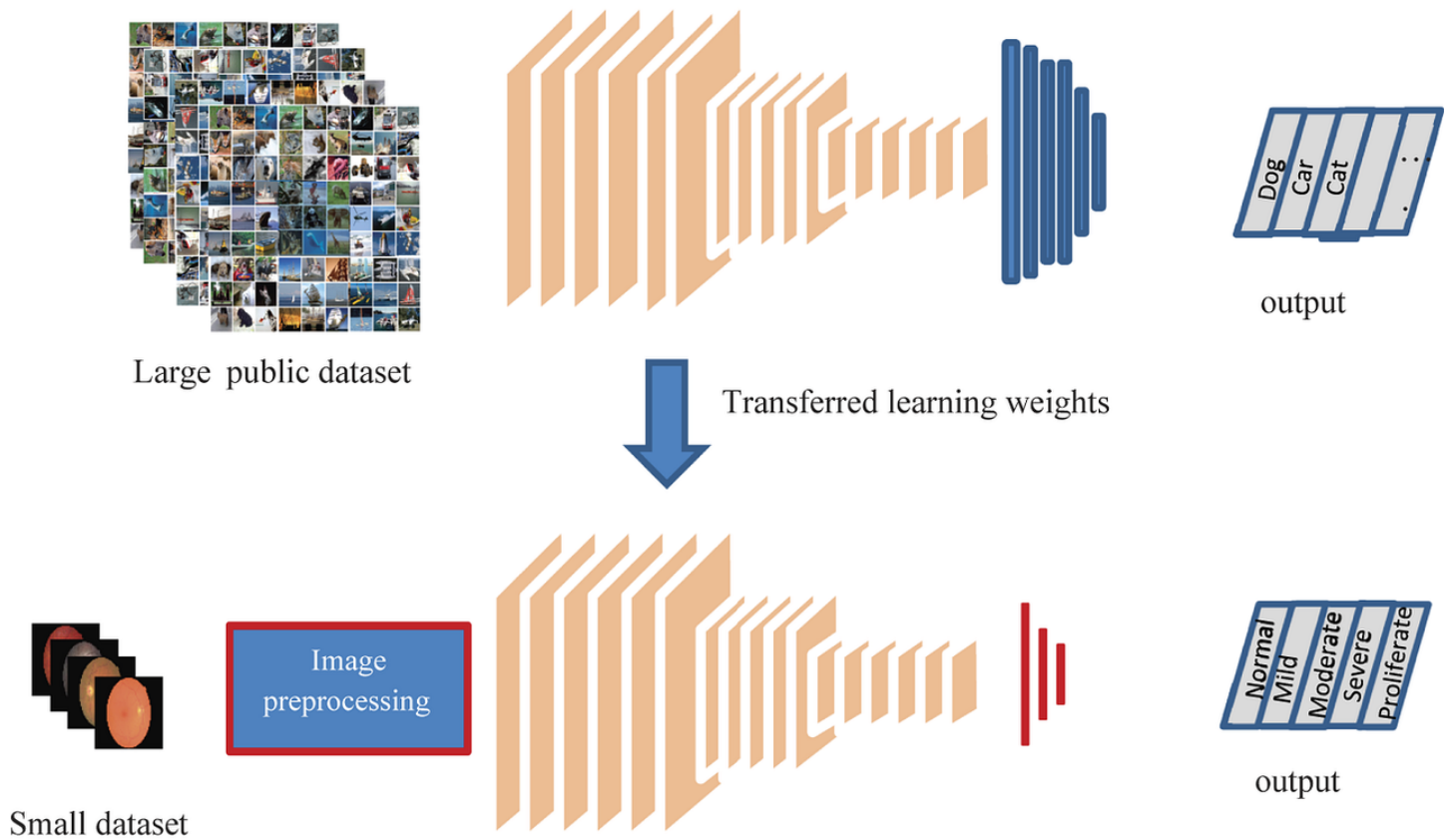
3. Why we need to finetune

- Base model



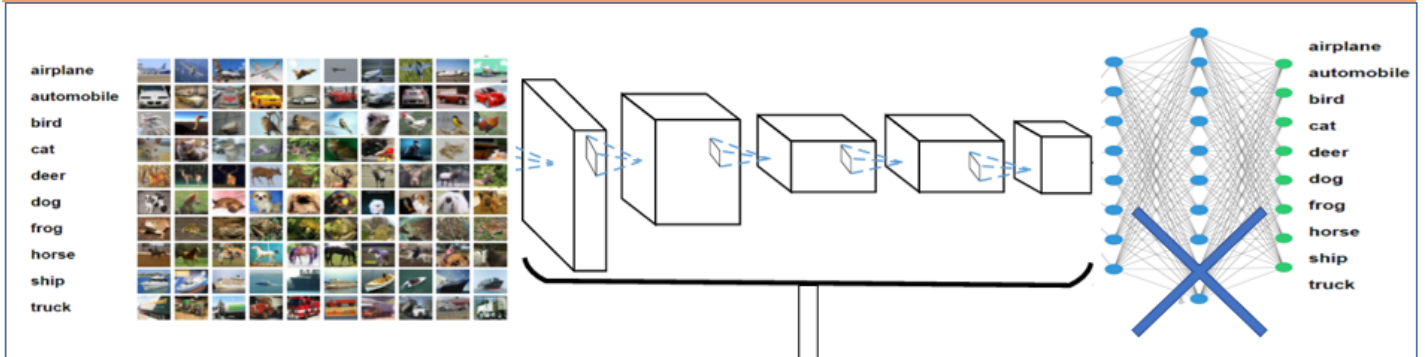


- Downstream tasks

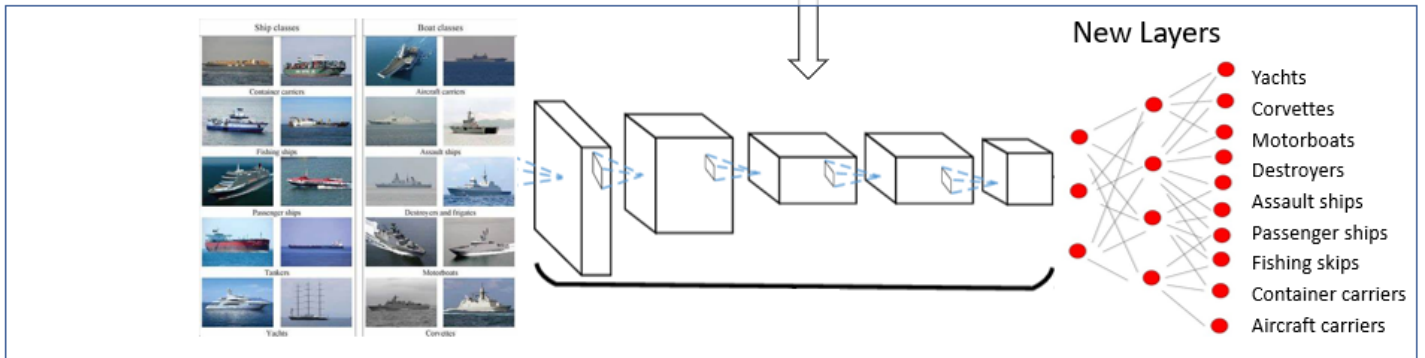


4. How to finetune

A PRE-TRAINED MODEL



Transfer only this part



5. Some precautions

- Exploratory Data Analysis
- Base model choosing
- Hyper parameters

