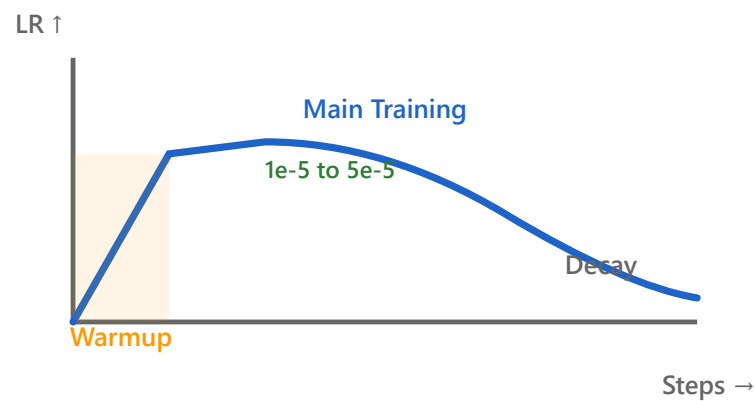


Fine-tuning Practical Tips

Learning Rate Schedule



1 **Learning Rate**
Start with **1e-5 to 5e-5** range

2 **Warmup Steps**
Use warmup to **stabilize training**

3 **Monitor Validation**
Track validation loss to **prevent overfitting**

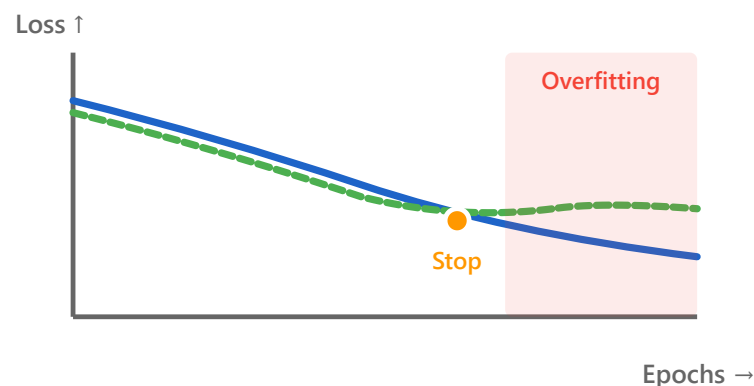
4 **Data Quality**
Quality > Quantity for better results

5 **Batch Size**
Affects **convergence & generalization**

6 **Early Stopping**
Stop based on **validation metrics**

7 **Multi-task Learning**
Consider for **related tasks**

Training & Validation Loss



 **Best Practice**

— Training — Validation

Save checkpoints and test **multiple configurations** to find optimal settings