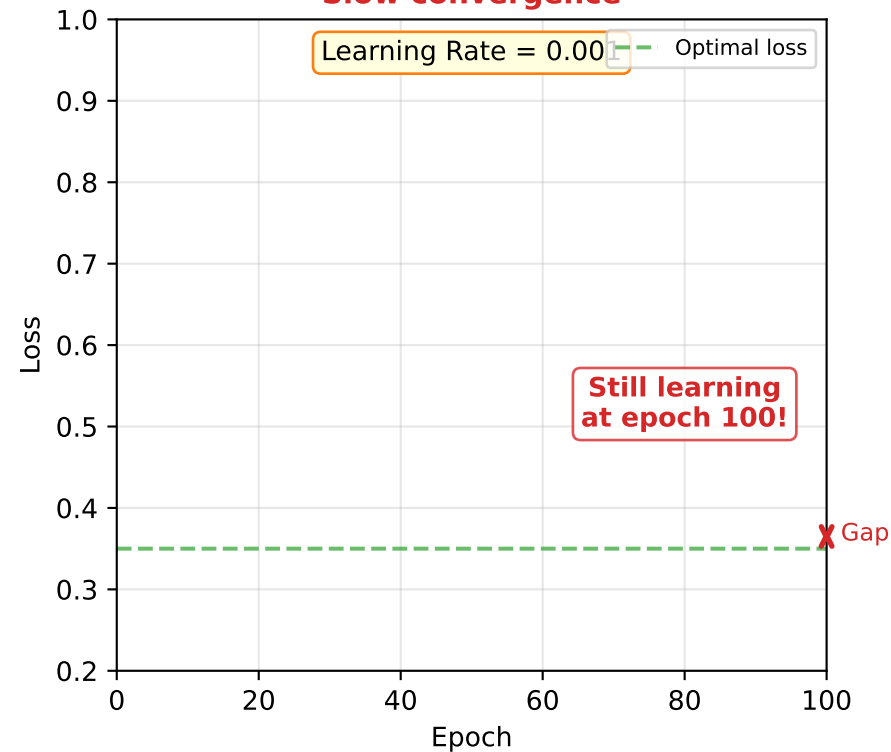
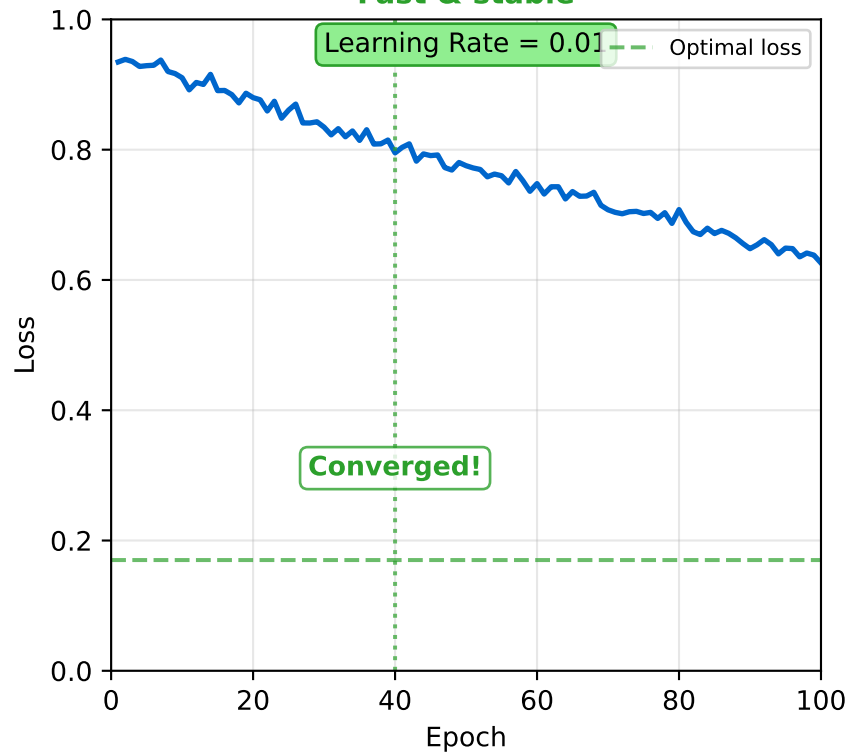


**TOO SMALL ( $lr=0.001$ )**  
**Slow convergence**



**JUST RIGHT ( $lr=0.01$ )**  
**Fast & stable**



**TOO LARGE ( $lr=0.5$ )**  
**Unstable**

