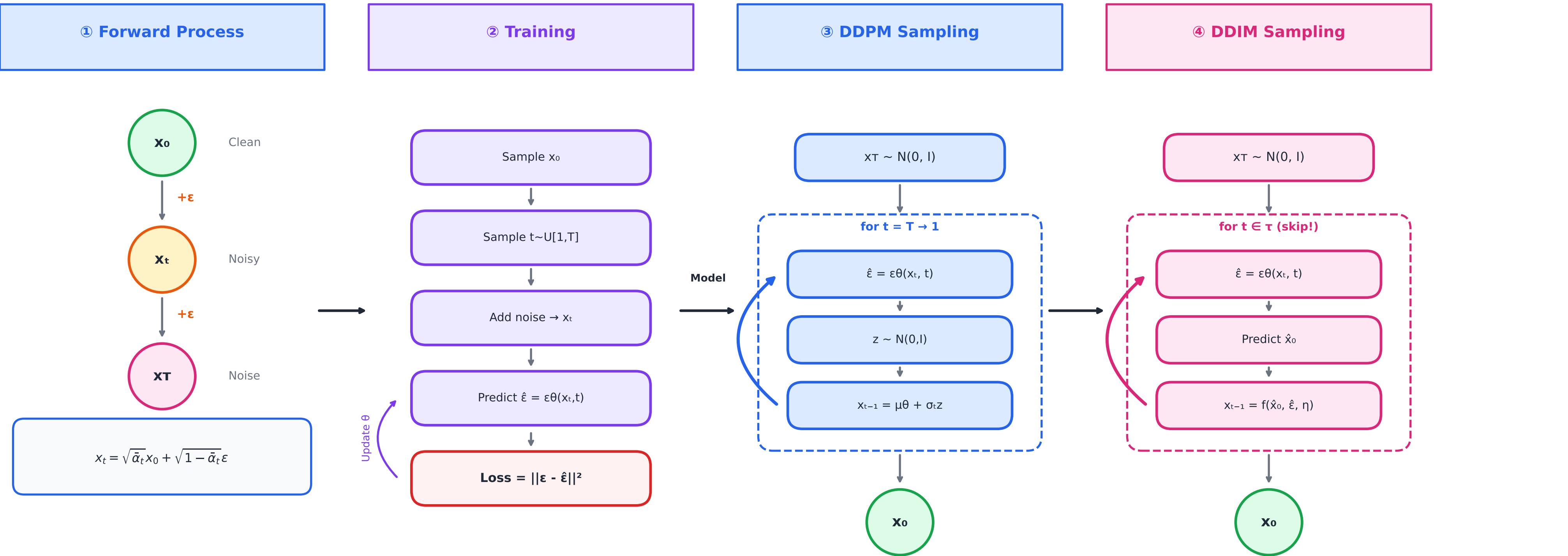


DDPM & DDIM Algorithm Flowchart



⚡ DDPM vs DDIM: Key Differences

DDPM (Stochastic)

- All T steps required (slow)
- Random noise z added each step
- Same input \rightarrow Different outputs

DDIM (Deterministic)

- Skip steps \rightarrow 10-50x faster
- No noise when $\eta=0$
- Same input \rightarrow Same output