## Offline Meta-learning $\theta_1$ Finetuning Target meta-learning **Finetuned** Data Set Meta-Model ---- learning/adaptation Model for New Env $\nabla \mathcal{L}_3$ $\nabla \mathcal{L}_2$ **Training** $\nabla \mathcal{L}_1^{\prime\prime}$ Test Set Set $\theta_1^*$ **Pilots** Online Fast Adaption Data **New Environment**