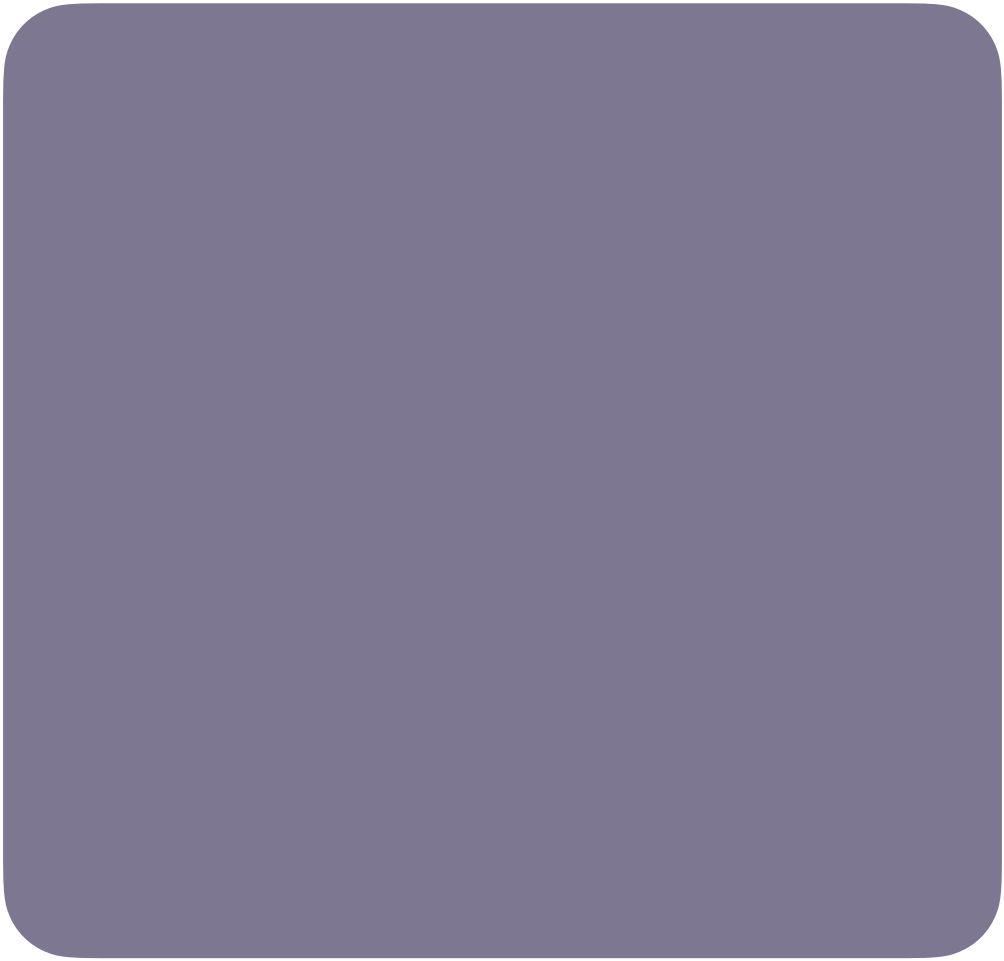
Today



How Do We Use The "Model”?

Background vs Decision-time Planning

18

Time of Planning

Decision-time Planning

- Find best action for current situation

Background Planning

- Learn (from past data) how to act in any situation

Continuous actions

Discrete actions

Simulate environment

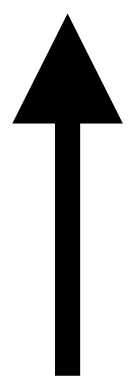
Assist learning Algorithm

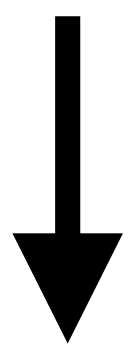
- MCTS
- ...

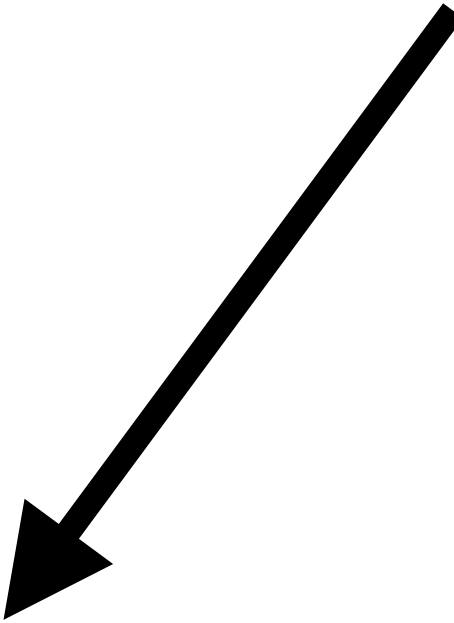
- iLQR
- CEM
- MPPI
- ...

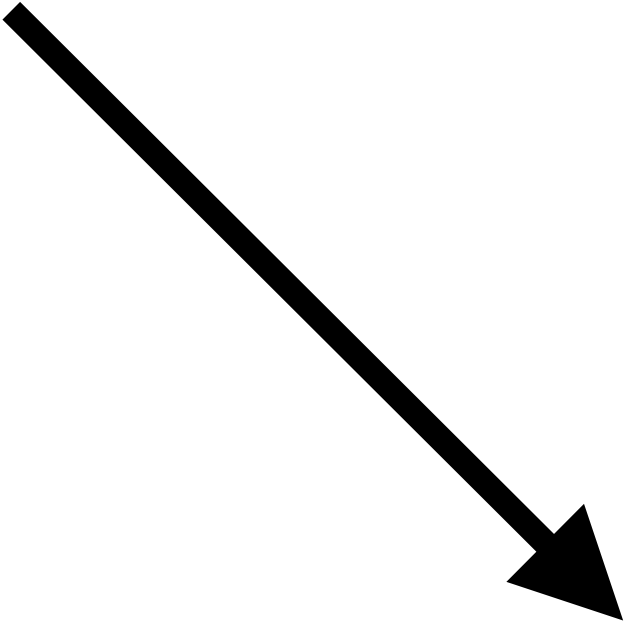
- DYNA
- Latent dynamics
- ...

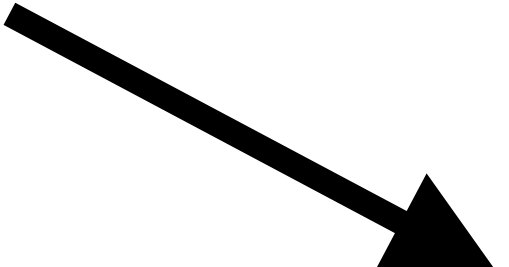
- Policy backprop
- ...

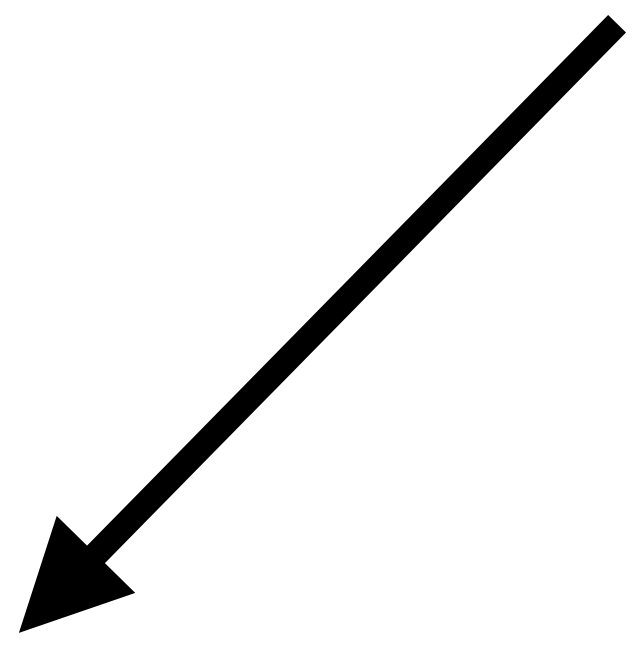


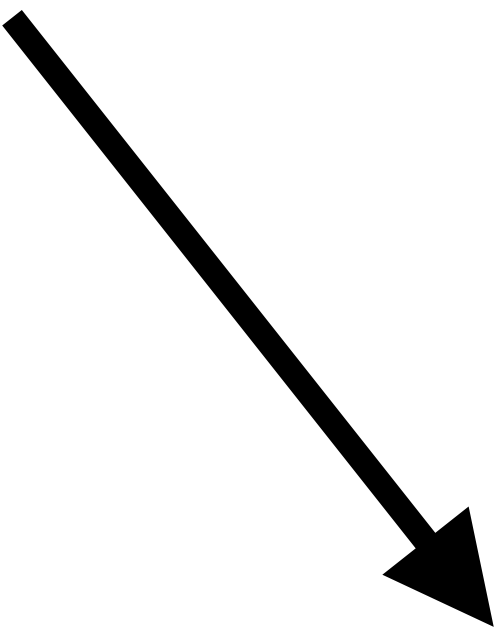


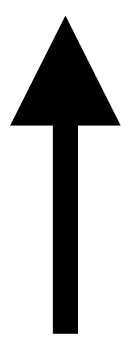






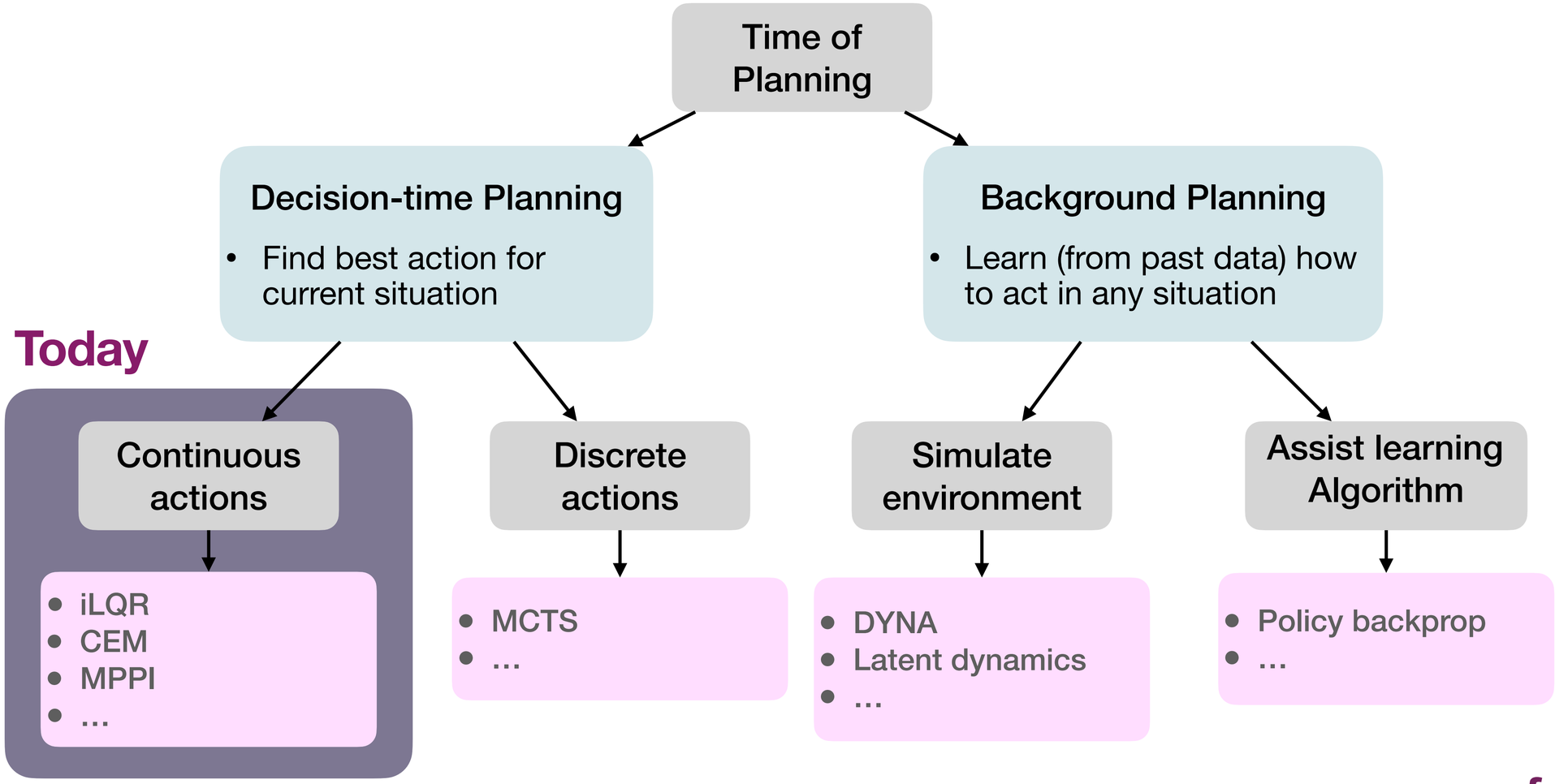






How Do We Use The "Model”?

Background vs Decision-time Planning



Decision-time Planning (Continuous Actions)