



IDALAB

EFFICIENT DATA ANALYSIS SOLUTIONS



PARIS
LODRON
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SALZBURG

Simon's Hilarious

FOR AIRPLANE

What is meta-RL?

- Can the knowledge acquired from learning many different tasks be leveraged to expedite and improve the learning process for new tasks?
- Meta-learning = learn to learn
- Comes in many flavours - we focus on gradient based meta-learning
- Closely related to multi task learning- in multi-task is the task provided explicitly
- Meta-learning distinguishes itself by its ability to infer tasks and its explicit focus on rapidly adapting to new task







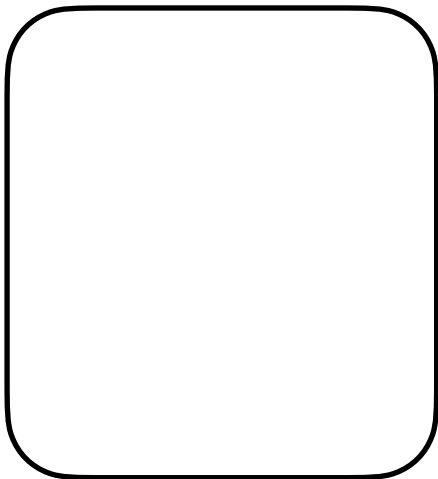




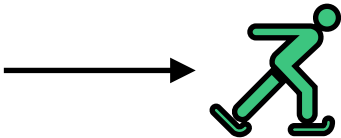




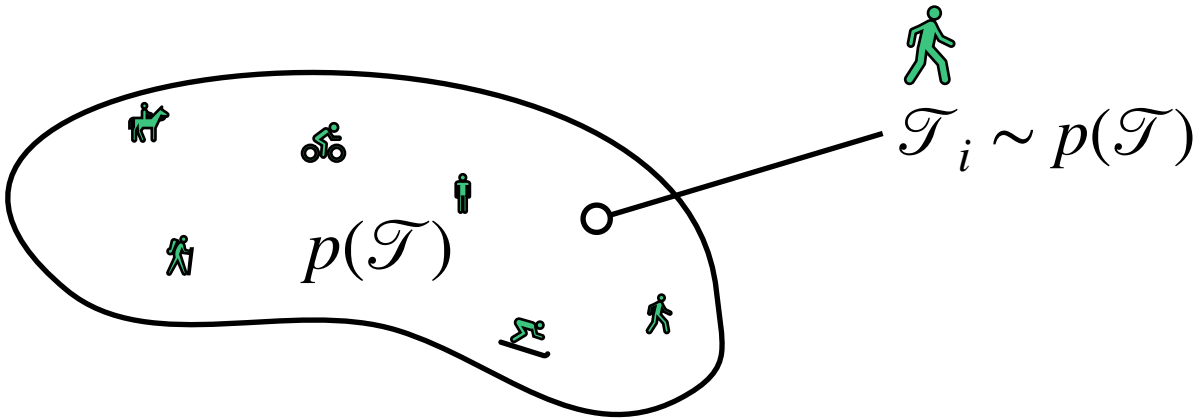
Learn to learn different
task



Fast when learning a
new task



MetaRL



What is meta-RL?

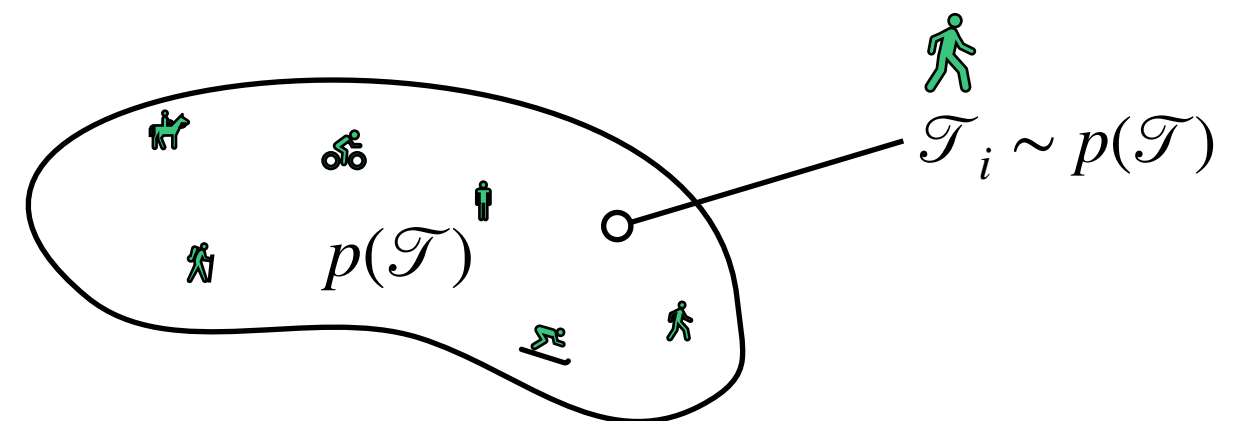
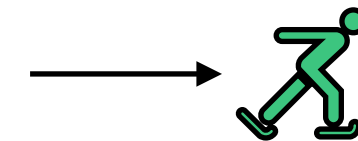
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Meta RL

Learn to learn different task



Fast when learning a new task



Model Agnostic Meta Learning (MAML)