INDIAN INSTITUTE OF TECHNOLOGY, KANPUR

COURSE PROJECT REPORT

Bayesian Meta Learning

Author:
Aakash LAHOTI
Asad KARIM
Pardhu CHOWDARY
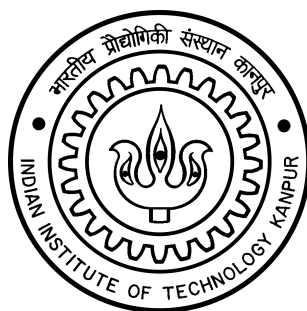Raghukul RAMAN
Sudhanshu BANSAL
Vibhor PORWAL

Supervisor:
Dr. Piyush RAI

*A report submitted in fulfillment of the requirements
for Course Project (CS771)*

Department of Computer Science and Engineering

1   Abstract

Our project is on..

1.1   Subsection (if any) Name

....

2   Literature Review

....

2.1   Algorithm Review

....

2.2   Bayesian ML

....

2.3   Reinforcement Learning

....

3   Experiments

....

3.1   Regression

....

3.2   Classification

....

4   Conclusion

....

4.1   Subsection (if any) Name

....

5   Future Work

....

5.1   Subsection (if any) Name

....

References

[1] Chelsea Finn, Pieter Abbeel and Sergey Levine. *Model-Agnostic Meta-Learning for Fast Adaptation of Deep Networks.* 2017

[2] Taesup Kim, Jaesik Yoon, Ousmane Dia1, Sungwoong Kim, Yoshua Bengio and Sungjin Ahn. *Bayesian Model-Agnostic Meta-Learning.* Jun 2018

[3] Erin Grant, Chelsea Finn, Sergey Levine, Trevor Darrell, Thomas Griffiths. *Recasting Gradient-based Meta-Learning as hierarchical Bayes.* Jan 2018