

# WIDS REPORT ON CAN COMPUTERS THINK: INTRODUCTION TO REINFORCEMENT LEARNING

By Bibaswan Biswas

Week 0: Learnt basic python, libraries like NumPy, Matplotlib, Pandas.

Week 1: Studied k-armed Bandit problem and implemented the algorithms in python.

Week 2: Studied Markov Decision Process and modelled the MDPs as dictionaries in Python.

Week 3: Studied Dynamic Programming and tried to solve Jack's Car Rental Problem and Gambler's problem in Python.

Week 4: Tried to solve the 15-tiles game using RL in Python.