## Intro to RL

Friday, November 27, 2020 5:58 PM

## Intro

· we start of not knowing much - we learn by interacting w/ environment. · couse - & - effect

## Applications

-> Self-Driving Cois > Board Games = Video Games -) Robok Tosks (E.g Walkny)

The Setting

lezmer: "agent" setting: "environment"

Analogy: Puppy interacting w/ owner ("environment")
that rewards based on actions

Exploration - Exploitation Dilemna

-> Exploration: Exploring hypothesis

-> Exploitation: Exploiting limited know ledge of what knows works well

· How do ve balance the two?

· four de we maximize rewards in long-term.