## Where do actions come from?

## **Humans design actions**

Actions are carefully crafted hypotheses about effective interventions.

Humans intelligence plays a special role in suggesting actions likely to be effective.

Best if feedback loop is slow

## Machines design actions

Humans create a parametric hypothesis space capturing plausible hypotheses.

Machines efficiently explore this space through a sequence of experiments.

Best if feedback loop is fast

## Bonus Part 3: Safety and Responsibility