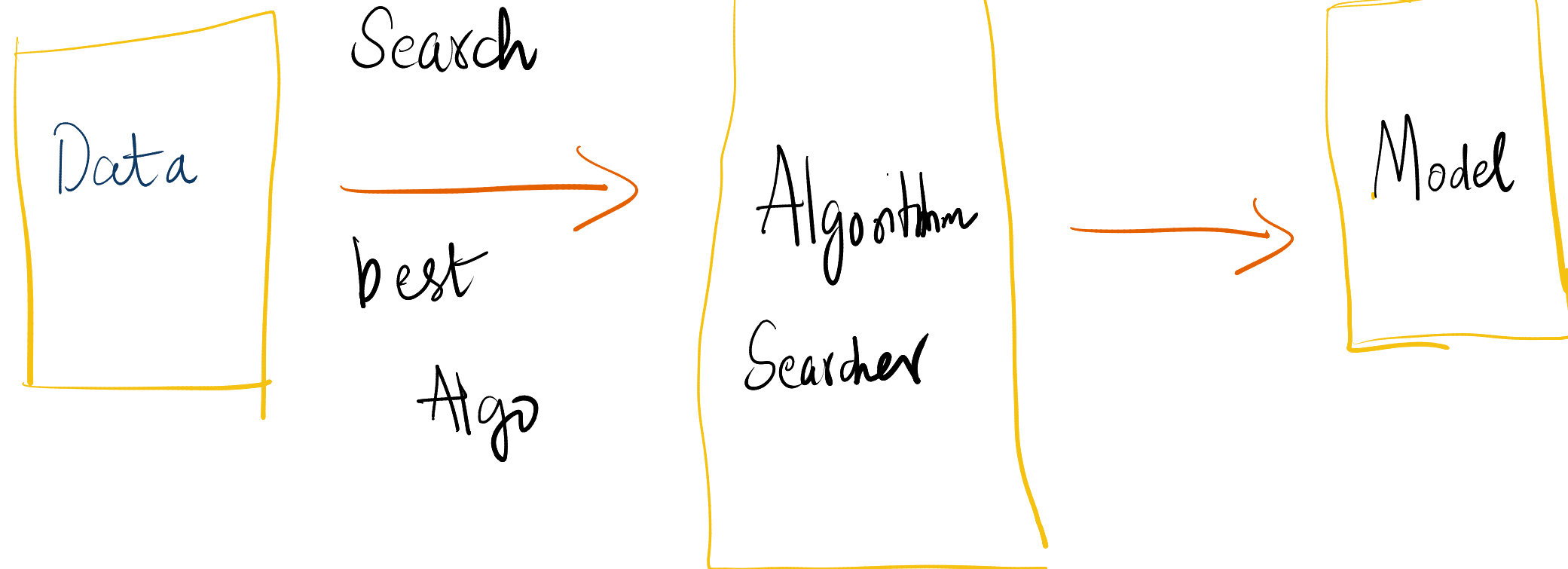


Initial Pipeline



- Brute Force
- A*
- Simulated Annealing
- Reinforcement Learning

Results: (Efficiency)

- Brute Force ★ ★ ★ ★ ★

- A^* ★ ★ ★

- Simulated Annealing ★ ★ ★

- RL ★ ★

So, we need a brute force approach to
maximize efficiency

Results (Time taken)

Brute force



A^*



Simulated Annealing



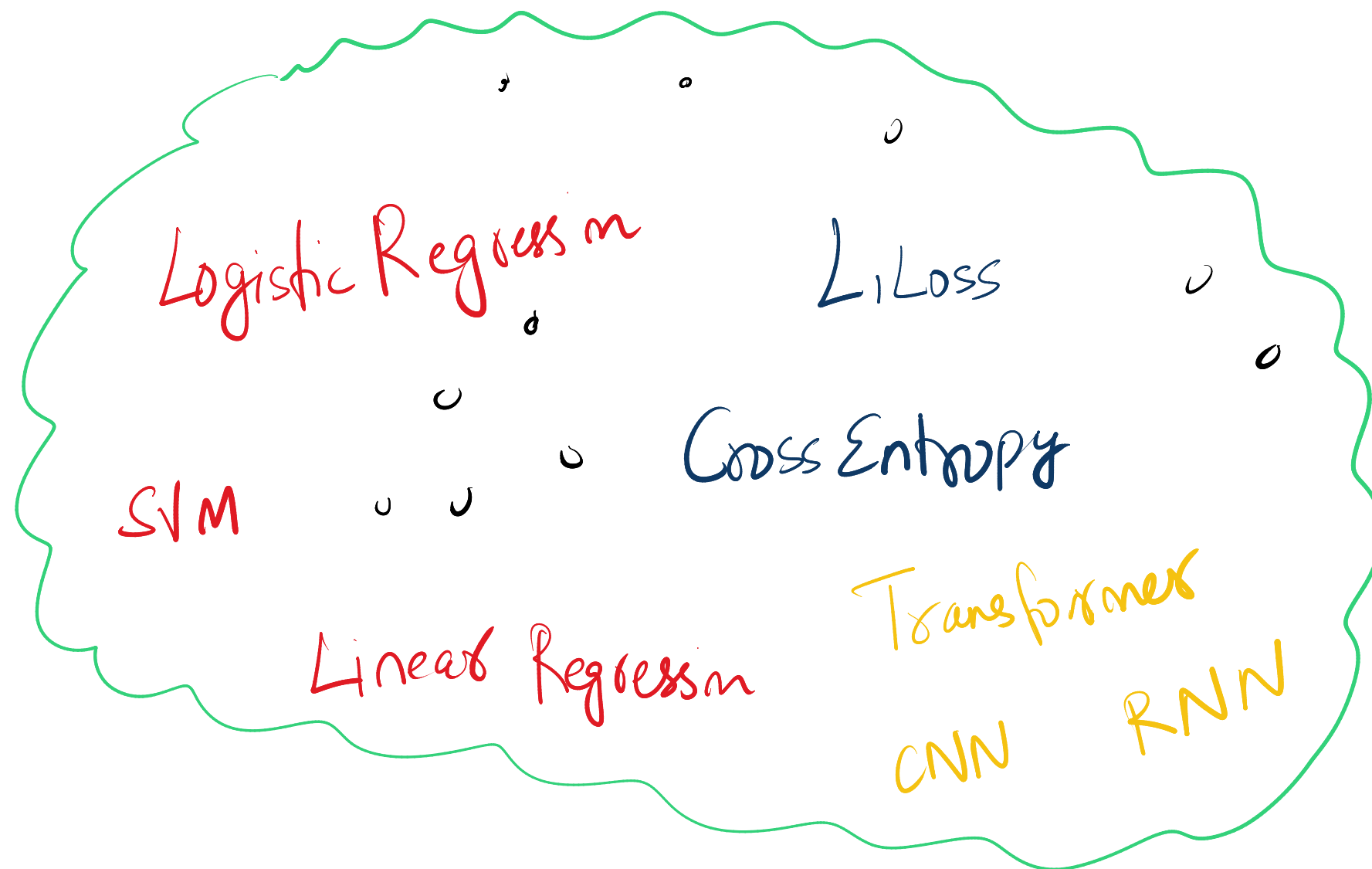
RL



Here we see that Brute force approach
absolutely fails.

So, we need an architecture that
gives performance like Brute force
but takes lesser time for
doing the task.

Major Problem



There are several algorithms & several hyperparameters to get tuned.

Due to this Searching takes
lot of time.

We need.

1. Same Performance Like
Brute force

2. Lesser time for finding the
model.

Proposed Pipeline

