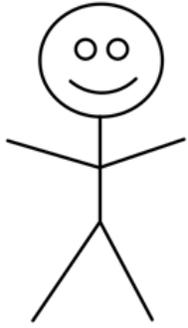# The RecoGym Challenge

Design a Recommendation Agent that can collect the largest reward in the RecoGym environment!

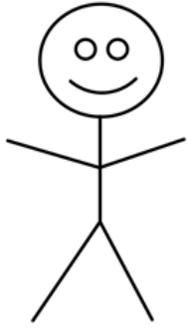# Motivating Example

Time

Product
view

Motivating Example
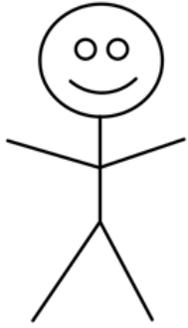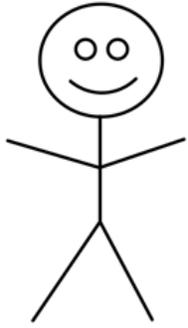

Time

Product view

Motivating Example

Time

Product view

Motivating Example

Time

Product view

Recommend

The RecoGym Challenge 100

@RecoGym

RecoGym is recommendation simulator/game that allows us to:

- Simulate an A/B Test from the comfort of your own home, **allowing evaluation that is currently impossible** using static datasets

- You too can experience the excitement and joy of negative and neutral A/B Tests!

- Prize of 1000 euros (deadline 30 Nov)

- https://github.com/criteo-research/reco-gym

RecoGym Challange

Organized by Criteo - Current server time: Oct. 1, 2019, 8:22 p.m. UTC

▶ **Current**	Next	End
Development	**Final**	Competition Ends
Oct. 1, 2019, midnight UTC	Nov. 30, 2019, midnight UTC	Dec. 1, 2019, midnight UTC

Learn the Details   Phases   Participate   **Results**   Public Submissions   Forums →

Development   Final

Phase description

Development phase: create models and submit them or directly submit results on validation and/or test data; feed-back are provided on the validation set only.

Max submissions per day: 5

Max submissions total: 100

📊 Download CSV

Click-Through Rate Results

#	User	Entries	Date of Last Entry	Team Name	CTR (q0.500), % ▲	CTR (q0.025), % ▲	CTR (q0.975), % ▲	Time (seconds) ▲	Detailed Results
1	ihtiihti	2	10/01/19		1.492 (1)	1.431 (1)	1.554 (1)	59.4 (2)	View
2	MartinB	2	10/01/19		1.434 (2)	1.374 (2)	1.495 (2)	55.2 (1)	View
3	Criteo	1	09/30/19	Criteo	1.403 (3)	1.344 (3)	1.464 (3)	375.6 (3)	View

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Your amazing RecoGym Agent here!

▥ Download CSV

Click-Through Rate Results

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Okay, what is the challenge?

Within the challenge, there are two tasks:

- **RecoGym Challenge 100:** Learning to recommend with 100 just actions. Prize 1000 euros. Live now!

- **RecoGym Challenge 10 000:** Learning to recommend in a larger action spaces. Prize 2000 euros. Stay Tuned

Important links

Follow us on Twitter: @RecoGym

RecoGym challenge website:
https://sites.google.com/view/recogymchallenge/home

RecoGym repo: https://github.com/criteo-research/reco-gym
(the simulator, along with many tutorials and notebooks)