

Streamsight

Modelling dynamic data communication in RecSys

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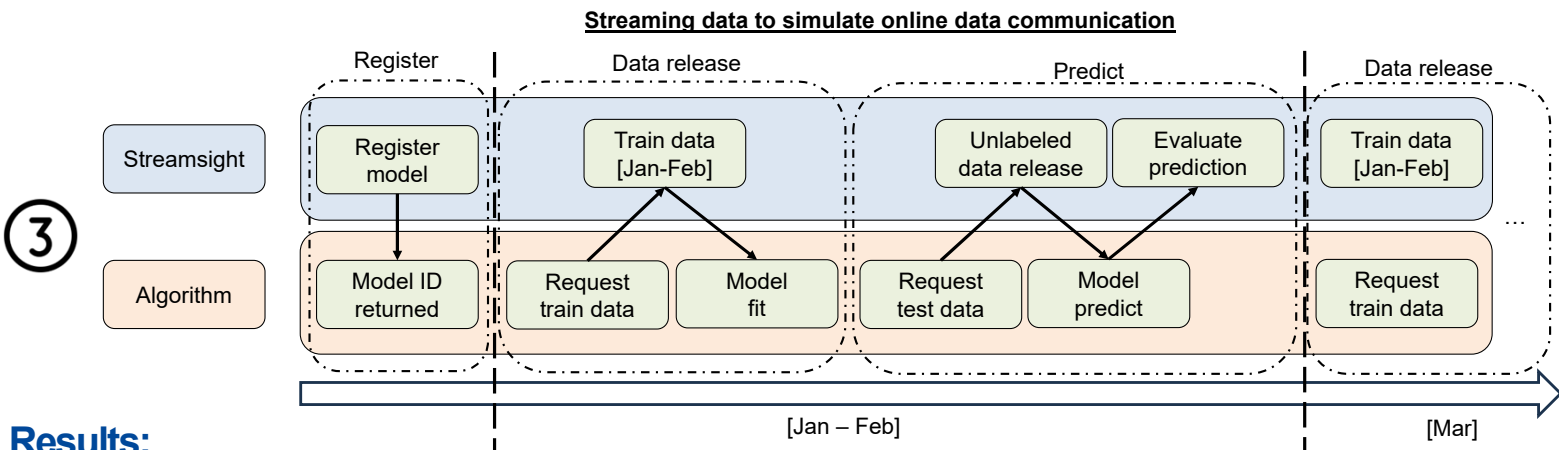
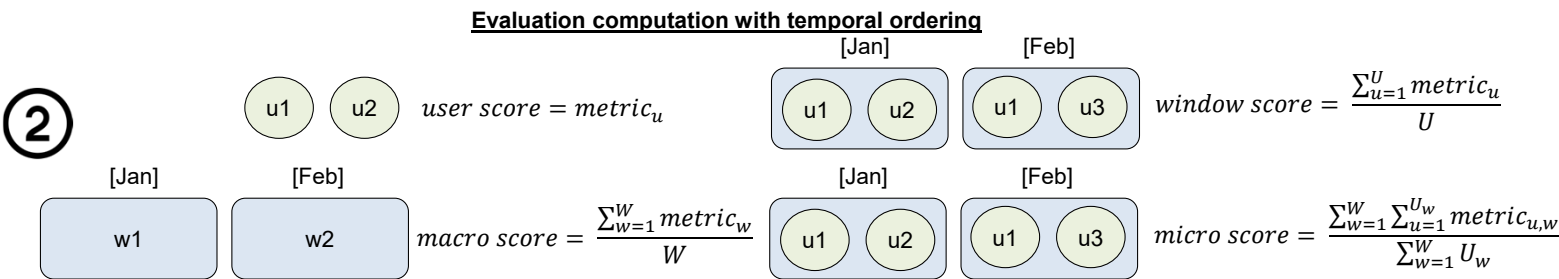
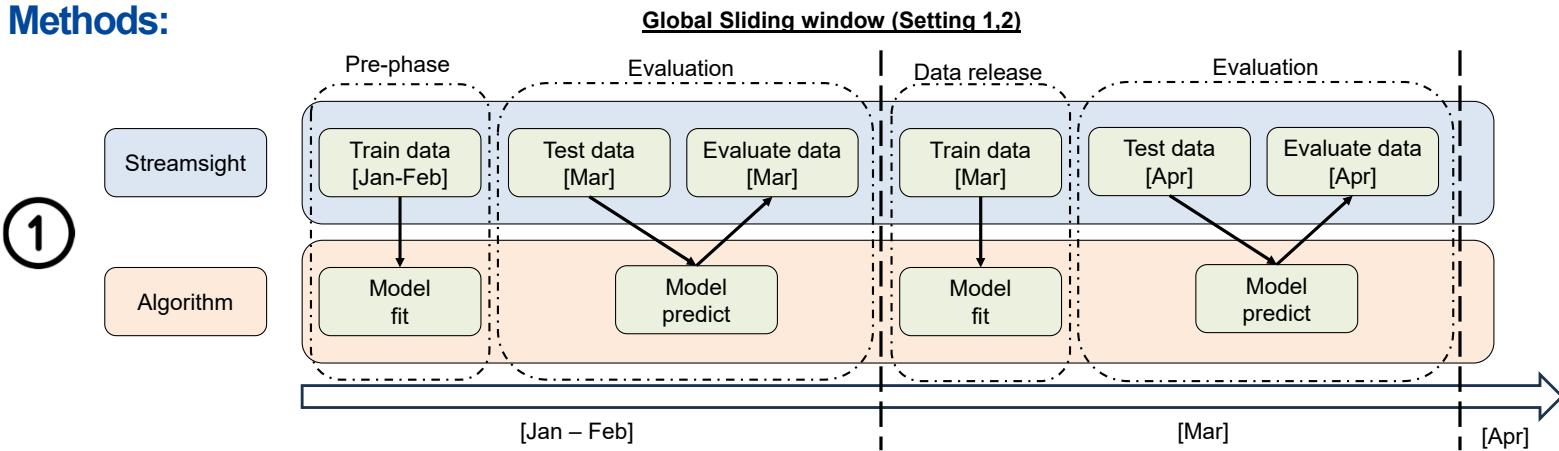
Background:

Many current tools struggle with correctly handling time-based data, leading to inaccurate predictions and testing results.

Objectives:

Develop an easy-to-use tool for evaluating recommendation systems while considering the order of data and simulating real-world conditions.

Methods:



Results:

Library	Setting				
	1	2	3	4	5
Streamsight	✓	✓	✗	✗	✗
Others	✗	✗	✗	✓	✓

Library	Pipeline	Stream setting	#Metric	Custom metric	Metric (temporal)
Streamsight	✓	✓	2	✓	✓
Others	✓	✗	6-25	✓	✓