

Model Registry (trained models)

1) V_1
2) V_2

Performance Feedback loop



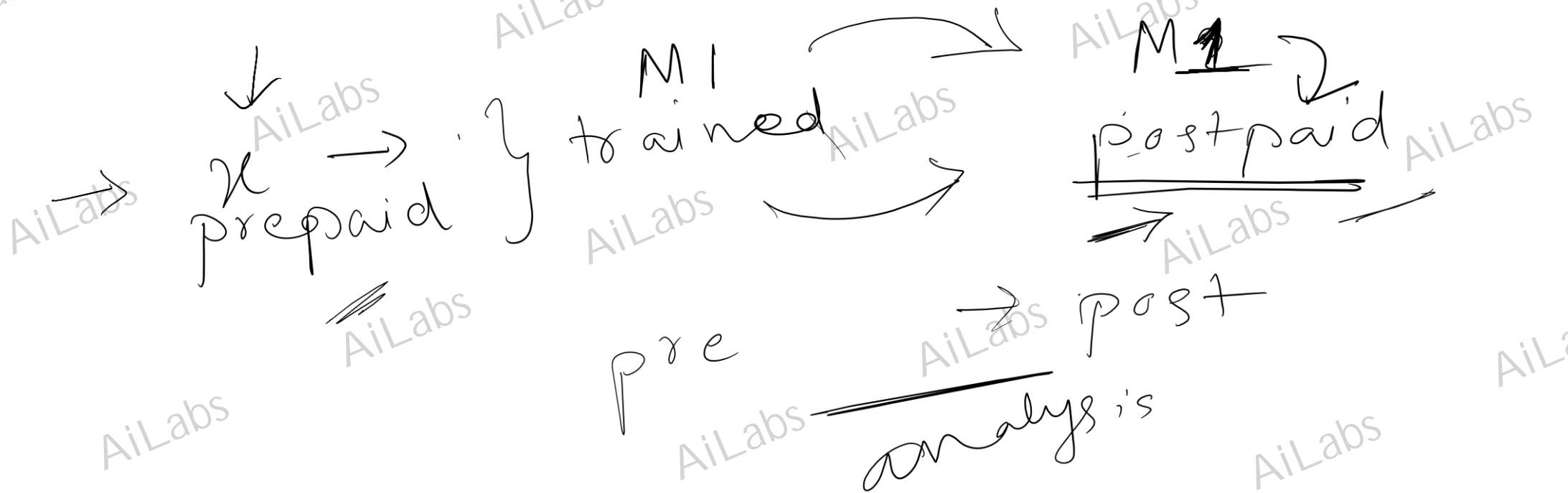
3} Model drift Feedback Loop

1 \Rightarrow Automate model update (Re-training)

4} Alarm Manager

- Alerts \rightarrow Model monitoring system

Data Drift



Scheduler → interval

→ 12:00 am

→ 10

~~recursion~~

email

3-4
hrs

Lineage tracker

amazon

→

ML

product
recommend.

winter

January

→ socks, (woollen)

summer

May

→ socks, (cotton)

Domain

January



accuracy ↓

prd-rec-mod-V4

↓ new



prd-rec-mod-V15

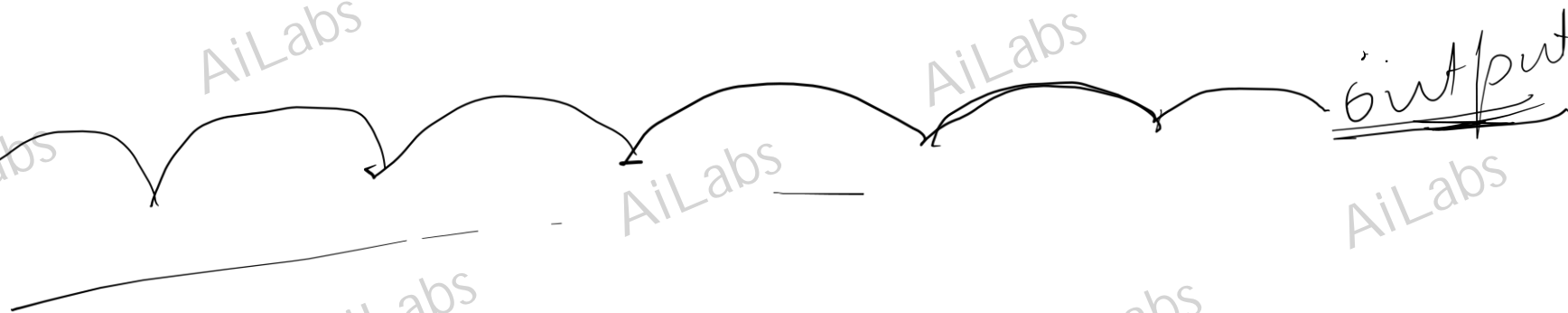
May

Lineage

of Data / Model.

date, location

↓
input
data



output

Data

processing

Data collection

Data preparation

Wrangling

Ingest [- streaming
- batching
→

processing

- clean
- partition
- scale
- Unbias

Feature Engineering

- F.t. selection
- Ht transform

Coffetium

① Ingest f aggregate.

ETC

ELT

heil

ipeo

