Serving: grid

feeding

          Storm   streaming

          Vespa   scalable ⎯⎯⎯⟨ sharding
                                        partition

Serving ⟨
          Latenc

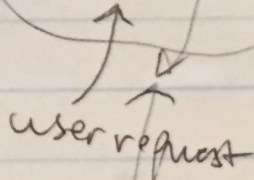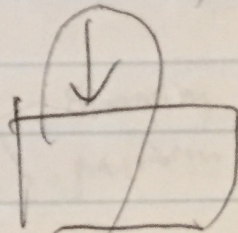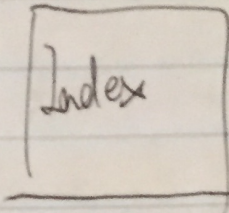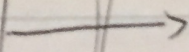   Volume   Response Time

Sherpa   Small   quick
          (exact Volumber?)

                    Big   slow

HBase

Serving

Storm

Vespa

Content Storage → feeding → Index
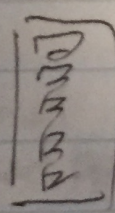
user request
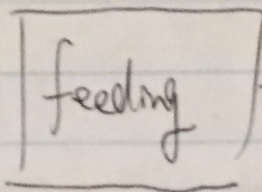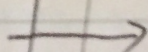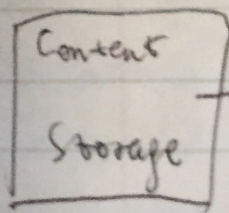
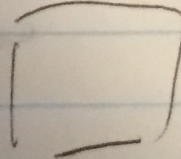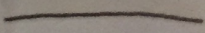# Ranking / modeling.

. History data
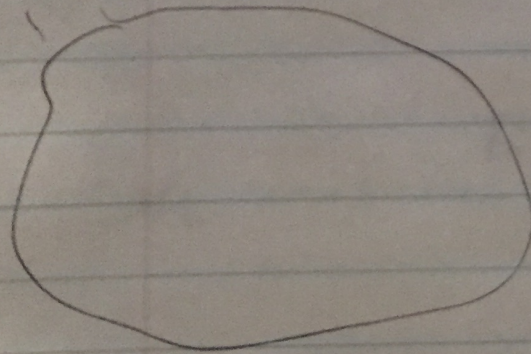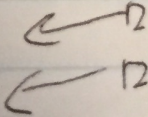
train model → offline evaluation

model → online evaluation.

User

Ranking, Serving

Content

User:

log collection

kafka

cloud

daily/hourly job

grid/

useractivities

Sherpa

up storage

Hbase

Content
in the world

Content Storage

Crawler

Content

pipeline