

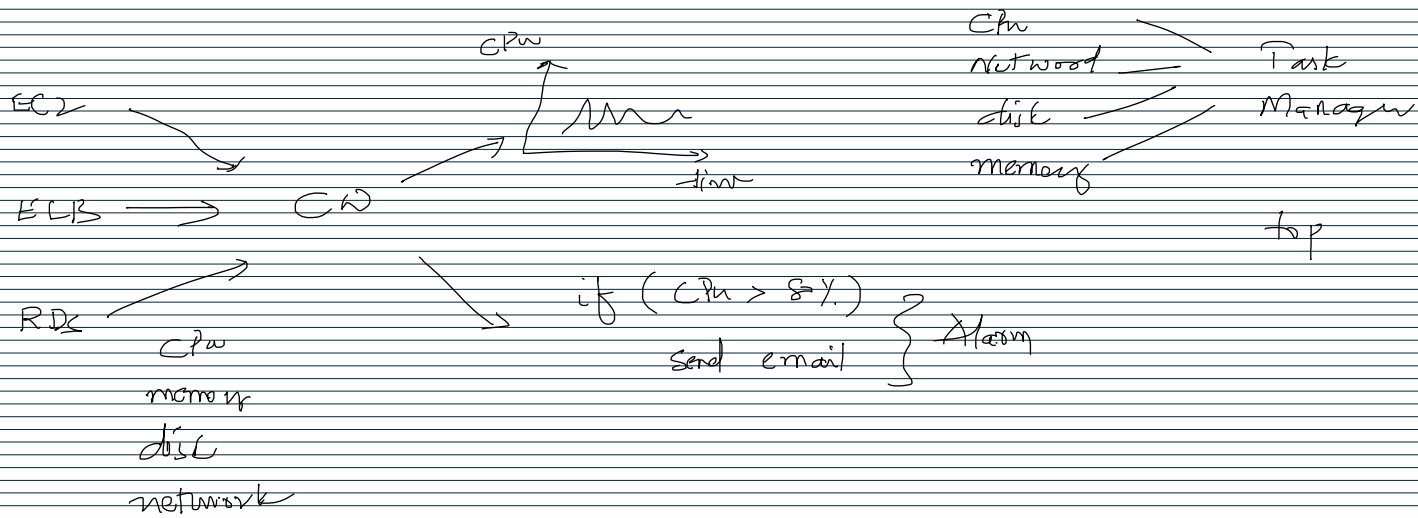
Agenda

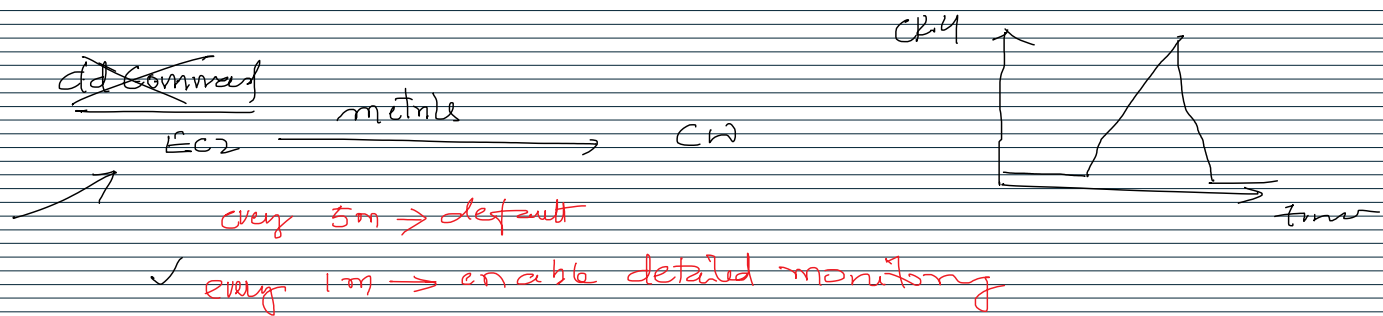
- Monitoring Services
- Serverless & Lambda

1) EC2 — 10,000
10% CPU

2) EC2 —> EC2
100% CPU

scale up { if (CPU > 80%)
add 2 EC2
scale down { if (CPU < 40%)
del 1 EC2
Auto Scaling





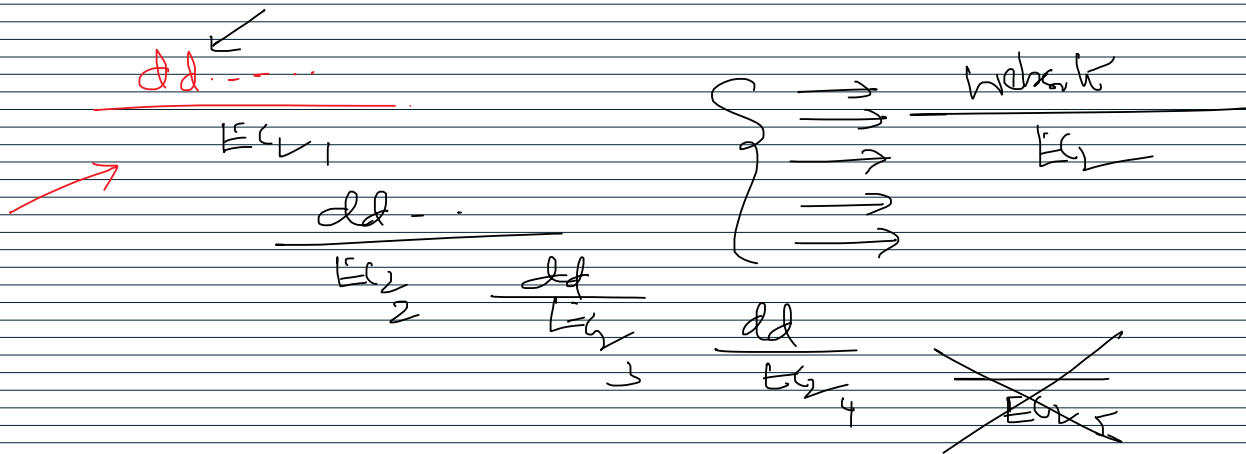
if (can > 0) add 1

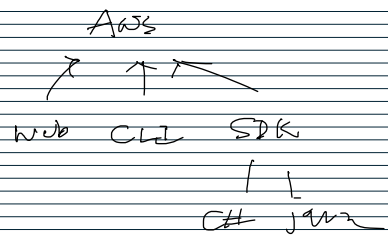
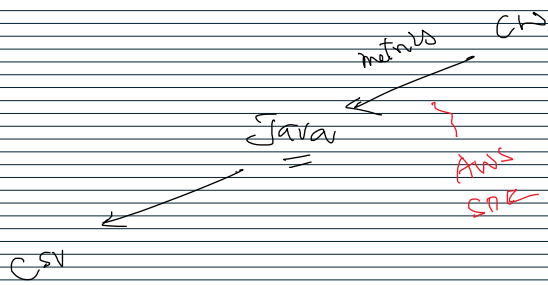
As

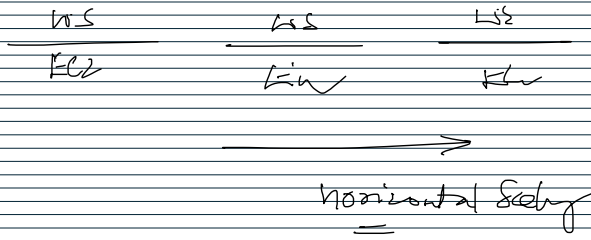
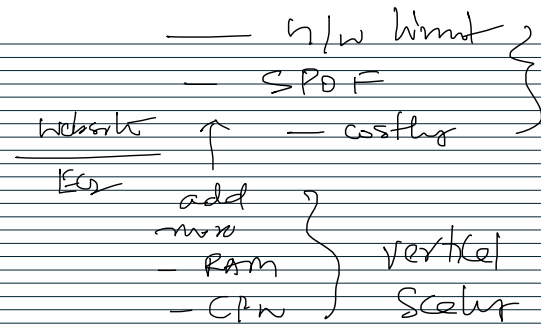
min = 1

map = 4

start = 1







[we don't need to think about servers.]

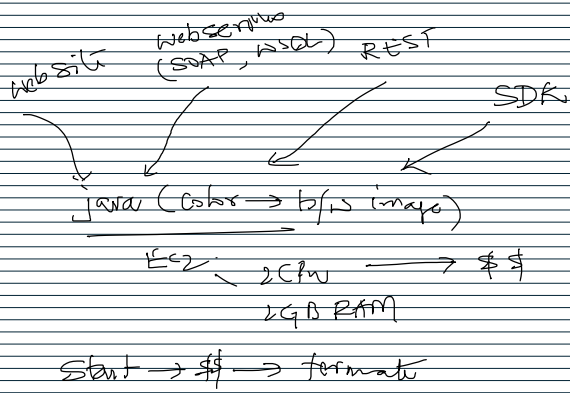
~~SES (emails)~~
~~SQS (integrating app.)~~
~~SNS (Notifier)~~
~~λ (Lambda)~~

~~L Capacity Planning~~
~~L Sizing~~
~~L HA~~
~~L FT~~

} AWS

WWWW
 Servers

Traditional Way

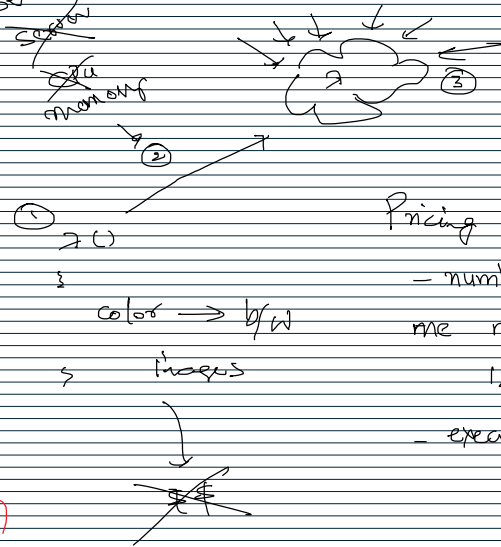


Representational State Transfer

new service
10 PM \$ 6 AM
no color

~~Serverless~~
~~Server~~
~~no money~~

Lambda Way



Pricing

- number of invocations
- memory allocated
128m -> 3GB
- execution time
15m (max)

20) → code → specific to AWS
→ ~~Ans~~

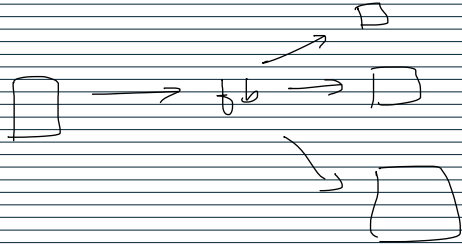
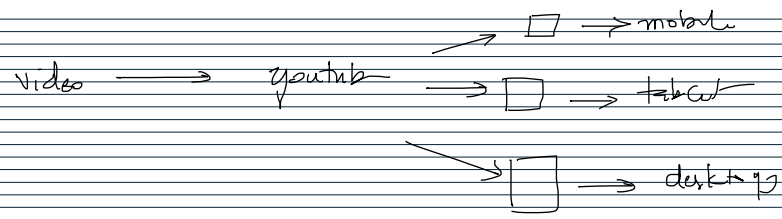
Cloud agnostic

add
get
Ans
f1) → Deploy

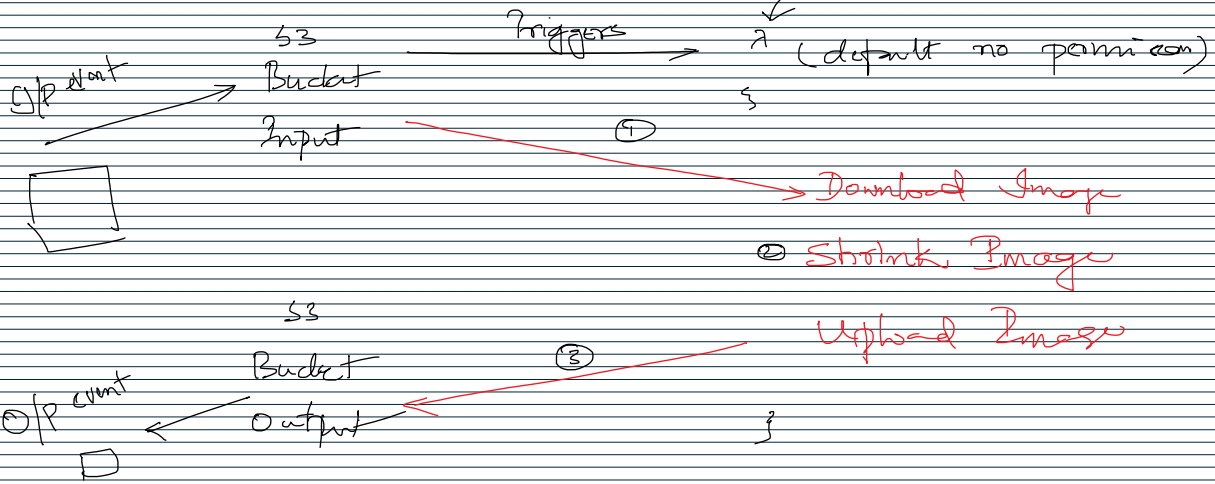
Knative (serverless)

K8s

Kubernetes



Event Driven



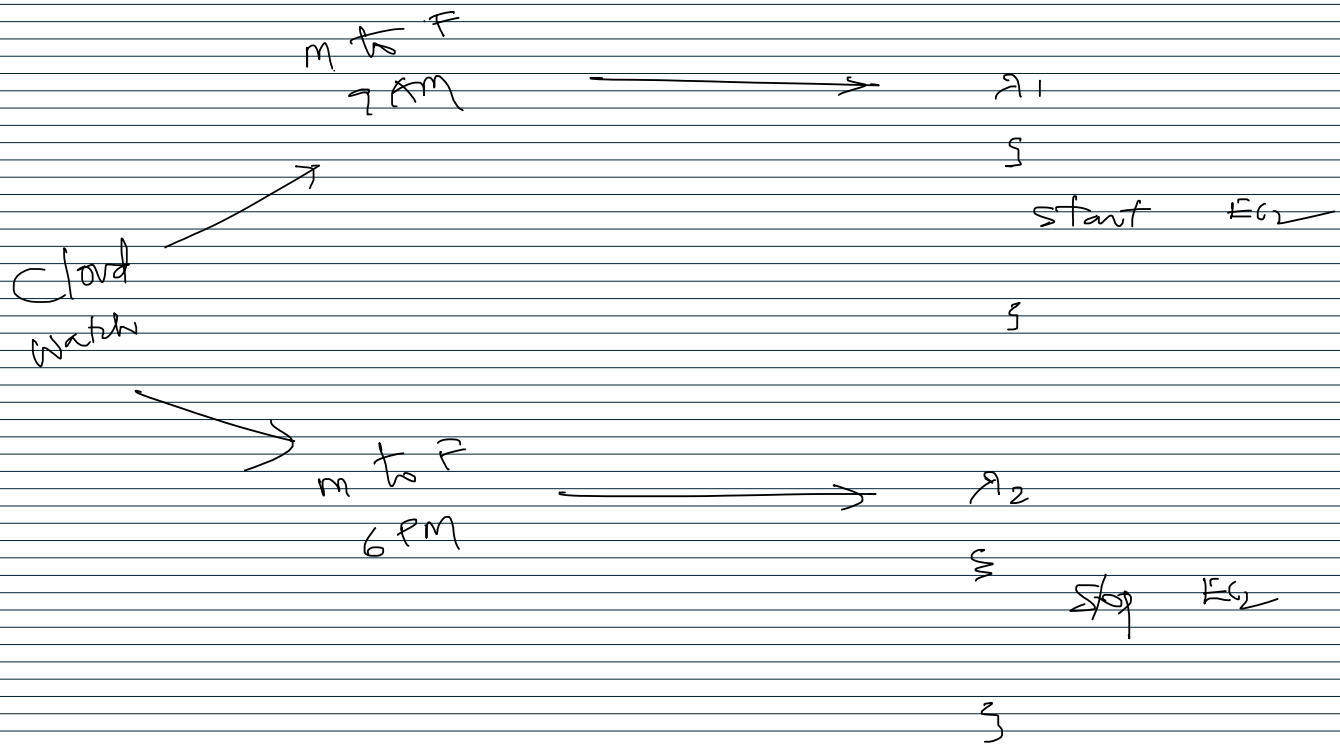
128 GB \longrightarrow less
CPU

7
1
Video stream
2

3 GB \longrightarrow more
CPU

~~CPU~~

more RAM \sim more CPU
less RAM \sim less CPU



Cloudwatch

27/month

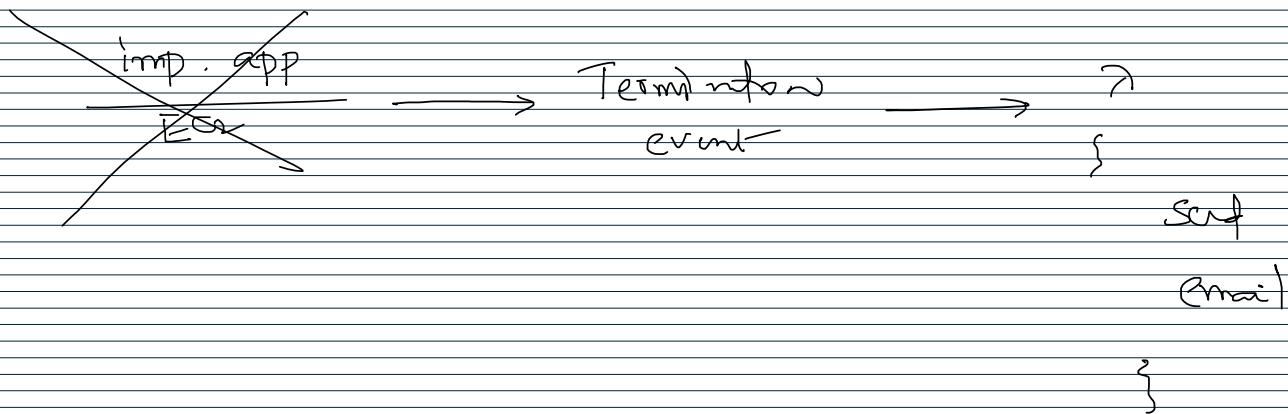
→ 2

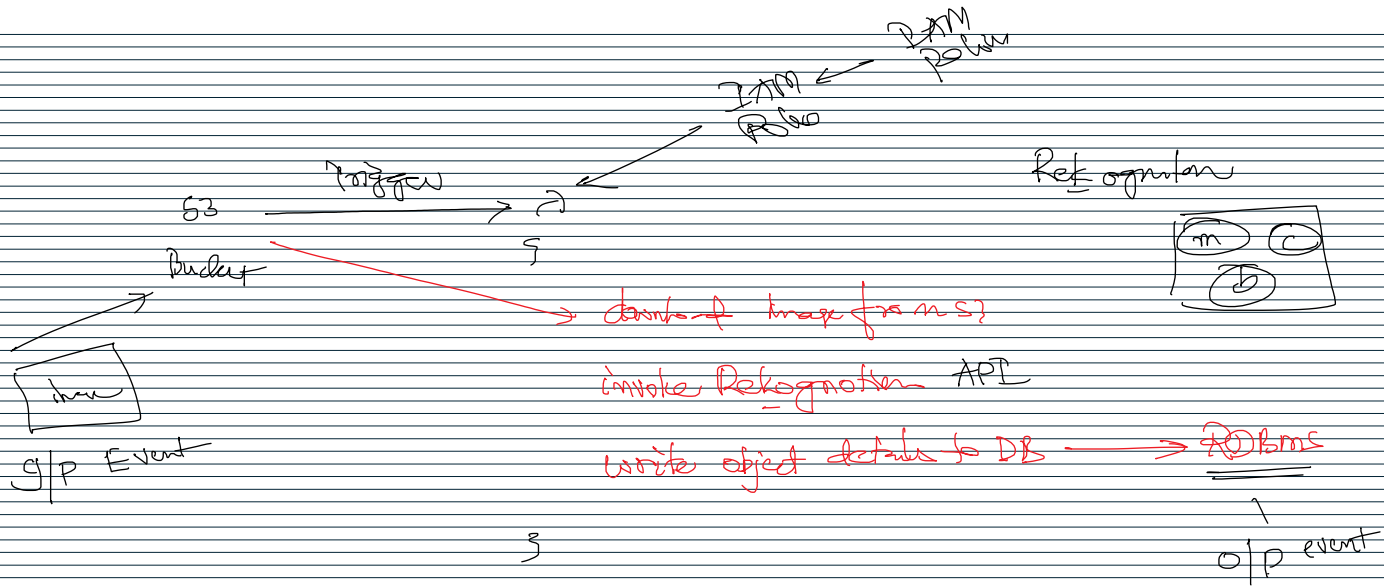
{

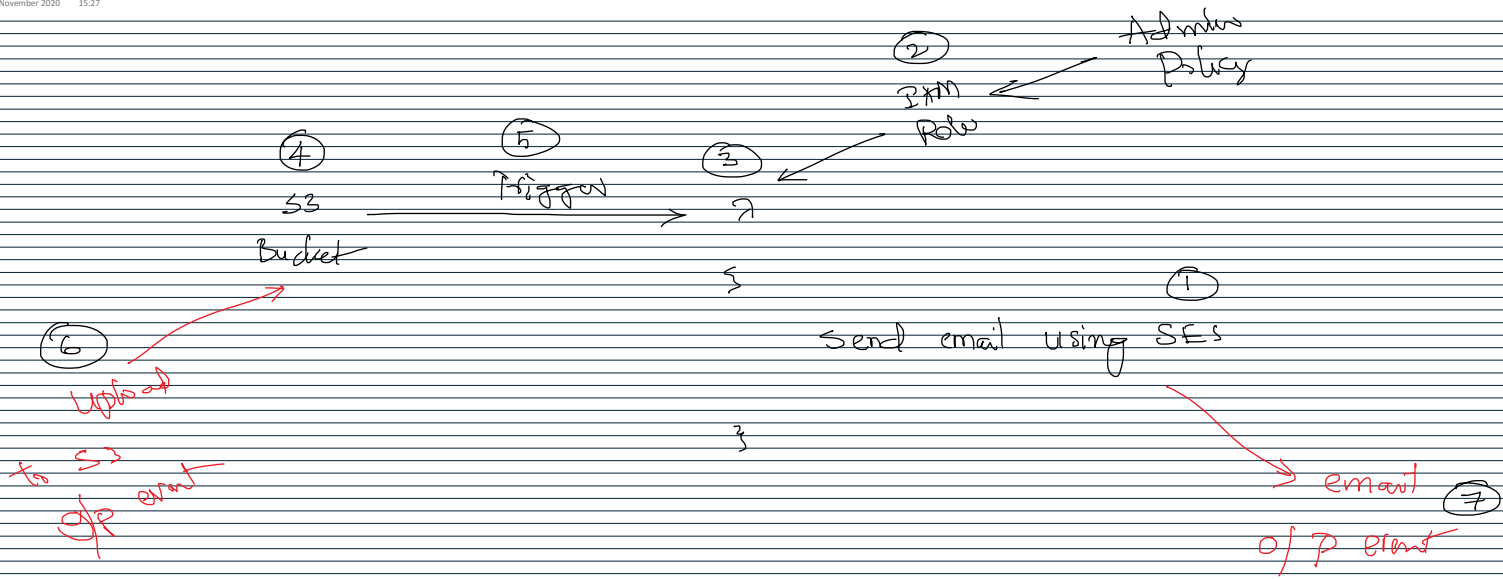
Cal payroll → DB

}

event driven

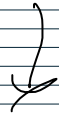






SES — verify the email address — send w
— receive

Create
Layers



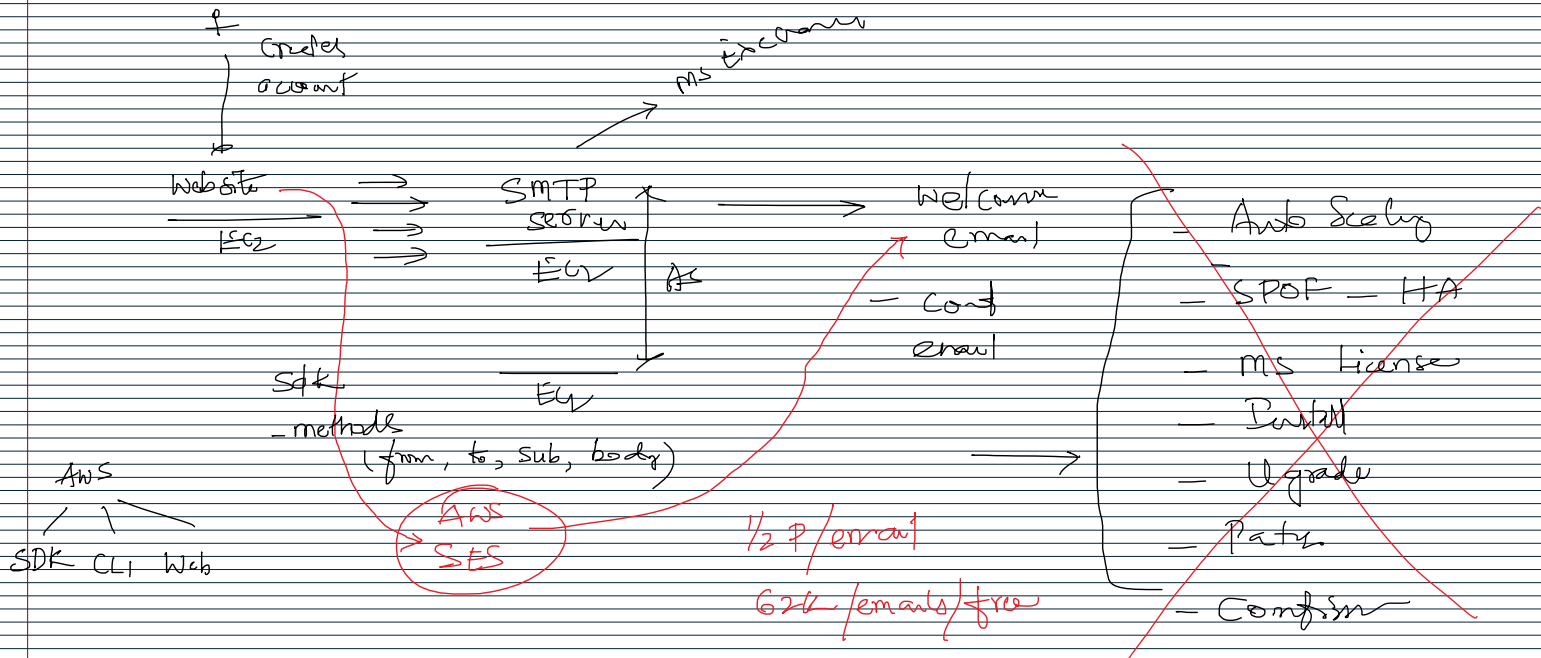
Additional
Language
Support

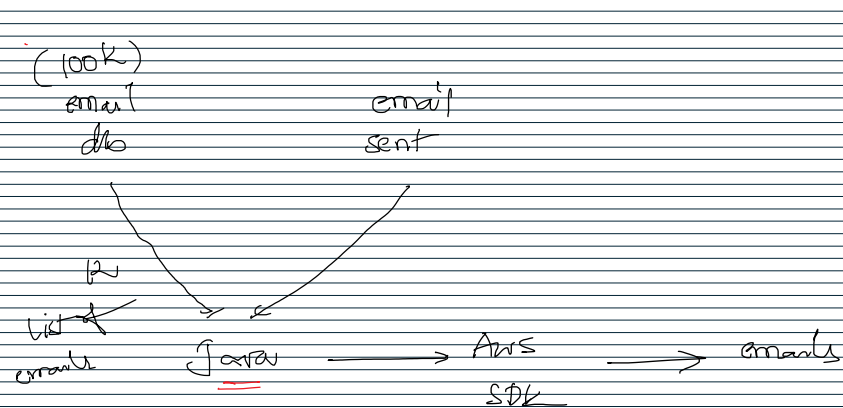
7

Σ

Go to / php

Σ





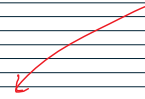
- products
- projects
- trans / upskully - bulk

(Start)

-
- create an account AWS
 - 100-100k - spam

Ans SES — $\frac{1}{2}$

MailChimp — 2Rs

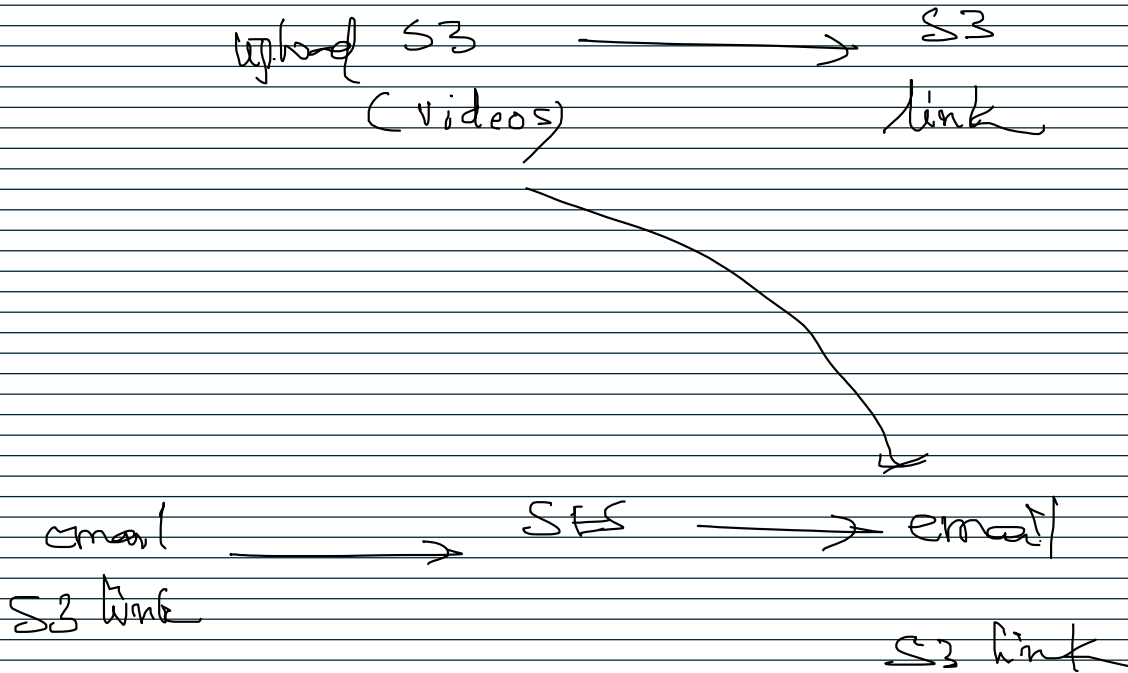


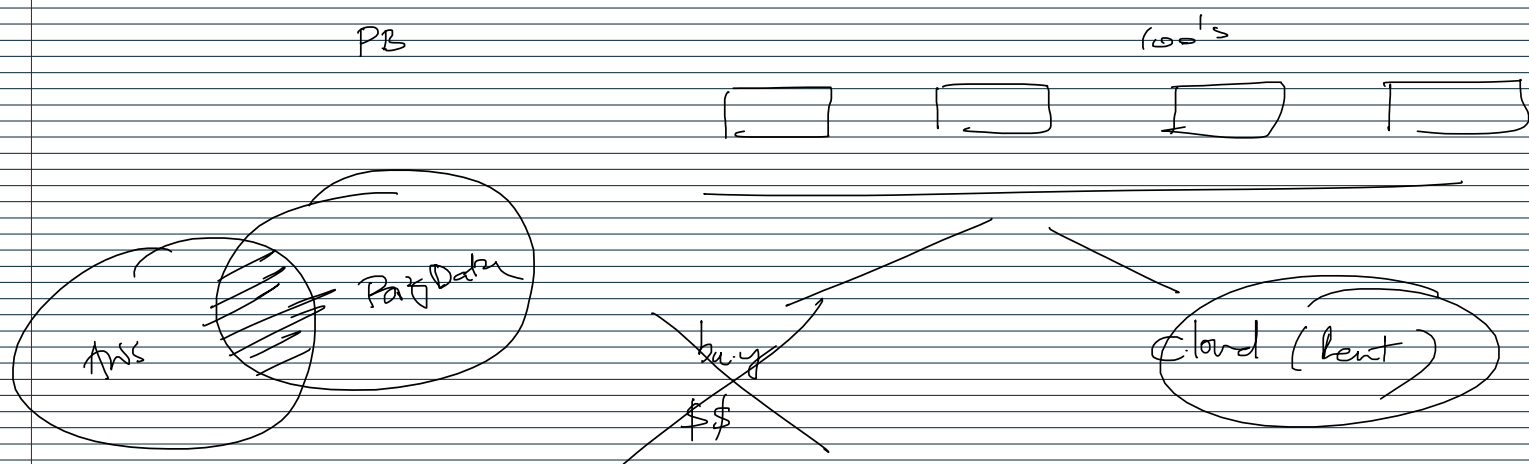
— how many opened?

— how many clicked on link?

— what time?

— what is geo. loc.?





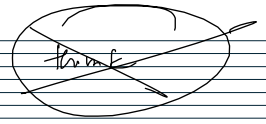
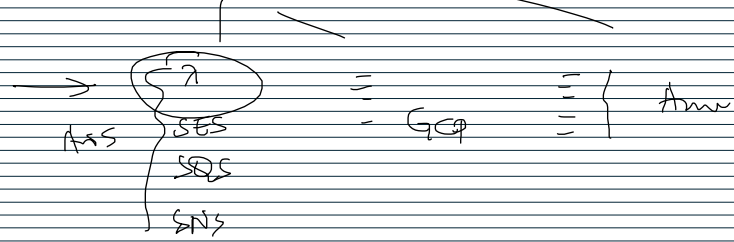
RDBMS (Concept)

MySQL
PostgreSQL

Tables -
Index
Column -

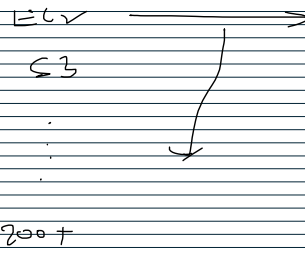
Services

Concept



Py — 2024

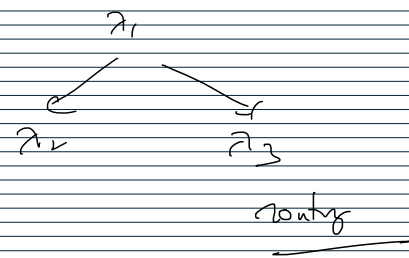
(Tower = 12 y



cloud - 5-6 y = 10%

RDMX

NOEL . net



ORM
HB

$$\begin{array}{r} ? \\ \hline L_{in} \\ \hline L - E_2 \end{array}$$

$$\begin{array}{r} ? \\ \hline W_{dane} \\ \hline W - E_2 \end{array}$$