03/01

Model Deployment :-

- Amazon (AWS)
- Microsoft (Azure)
- Google (GCP - Google Cloud platform)

Build model

↳ pickle

LR_model.pkl

↳ joblib

obj1 = load (LRmodel.pkl)

pred = obj1.predict ([120, 2, 1, 0, 0.2])

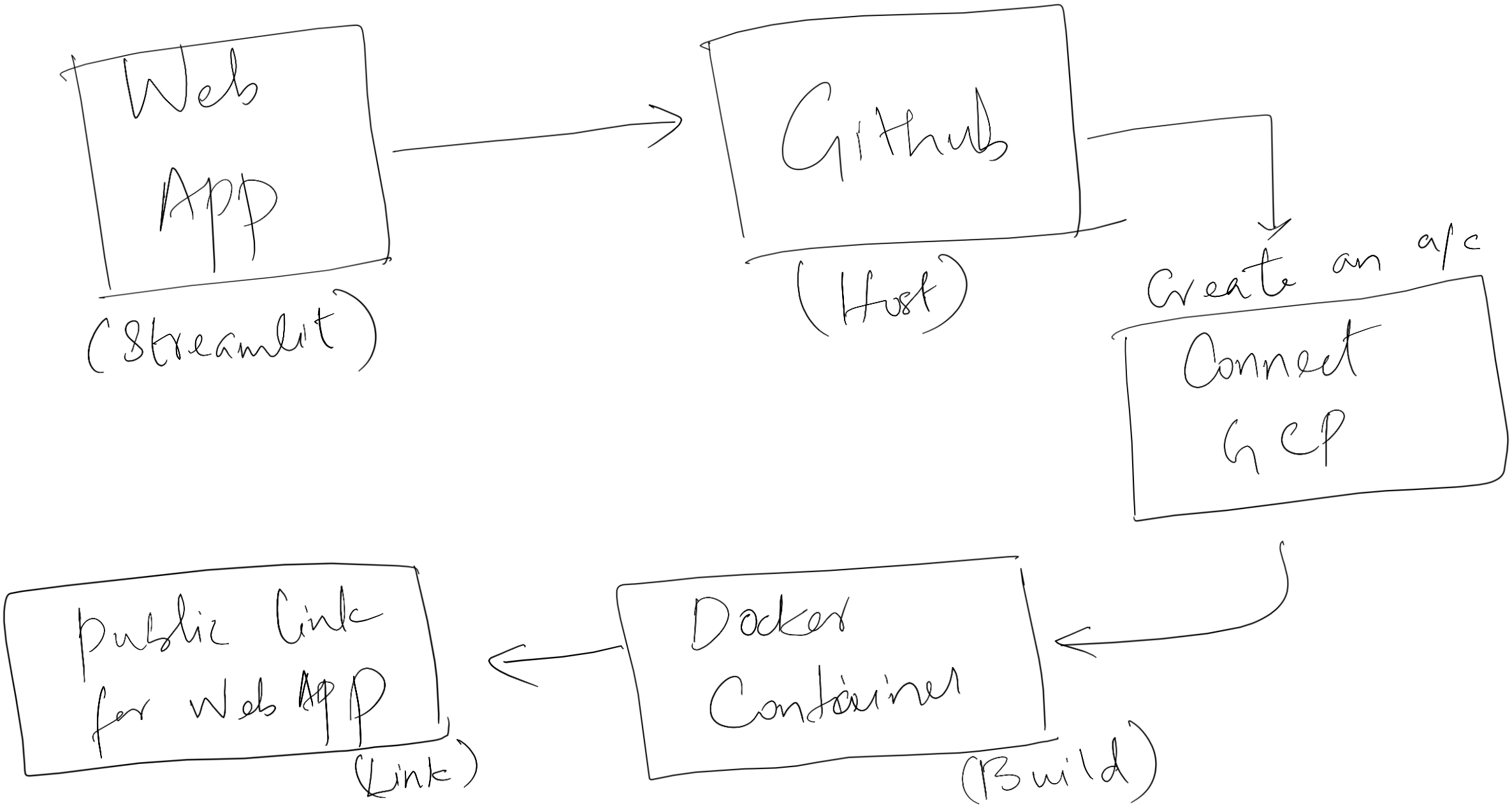
print = pred) ⟹ $320,000

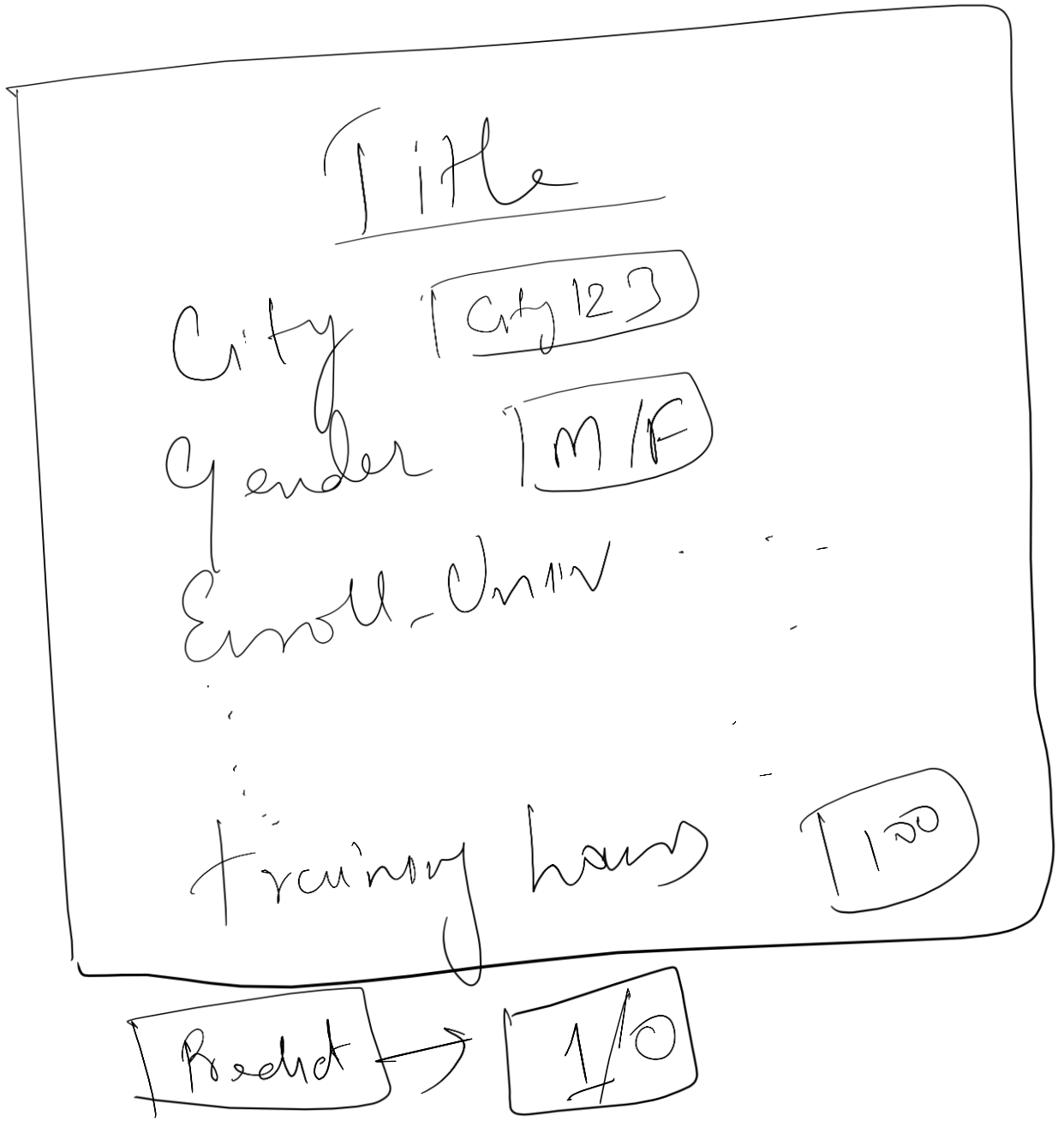
→ Create a Web App for pred
↳ Streamlit

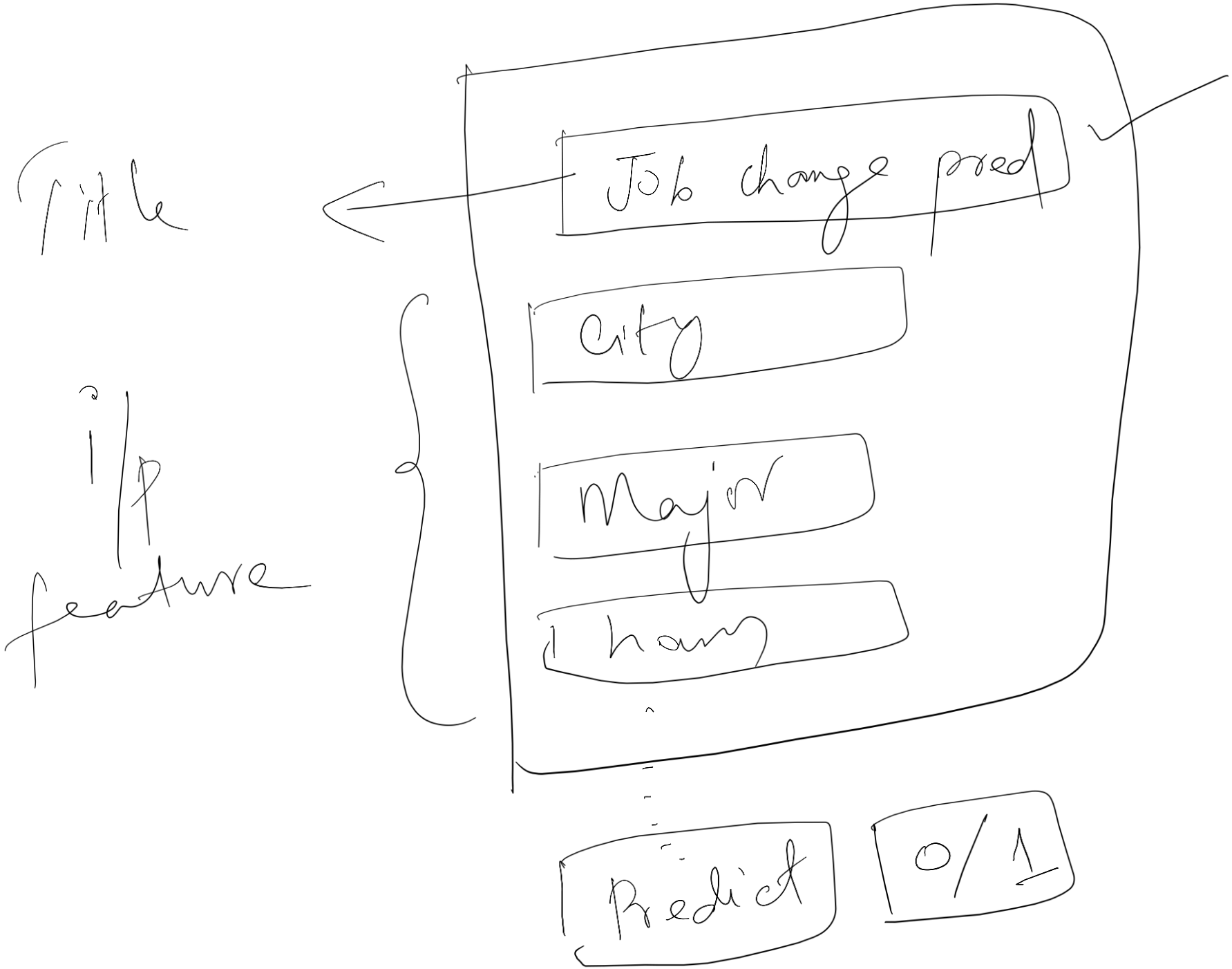
→ Host Github

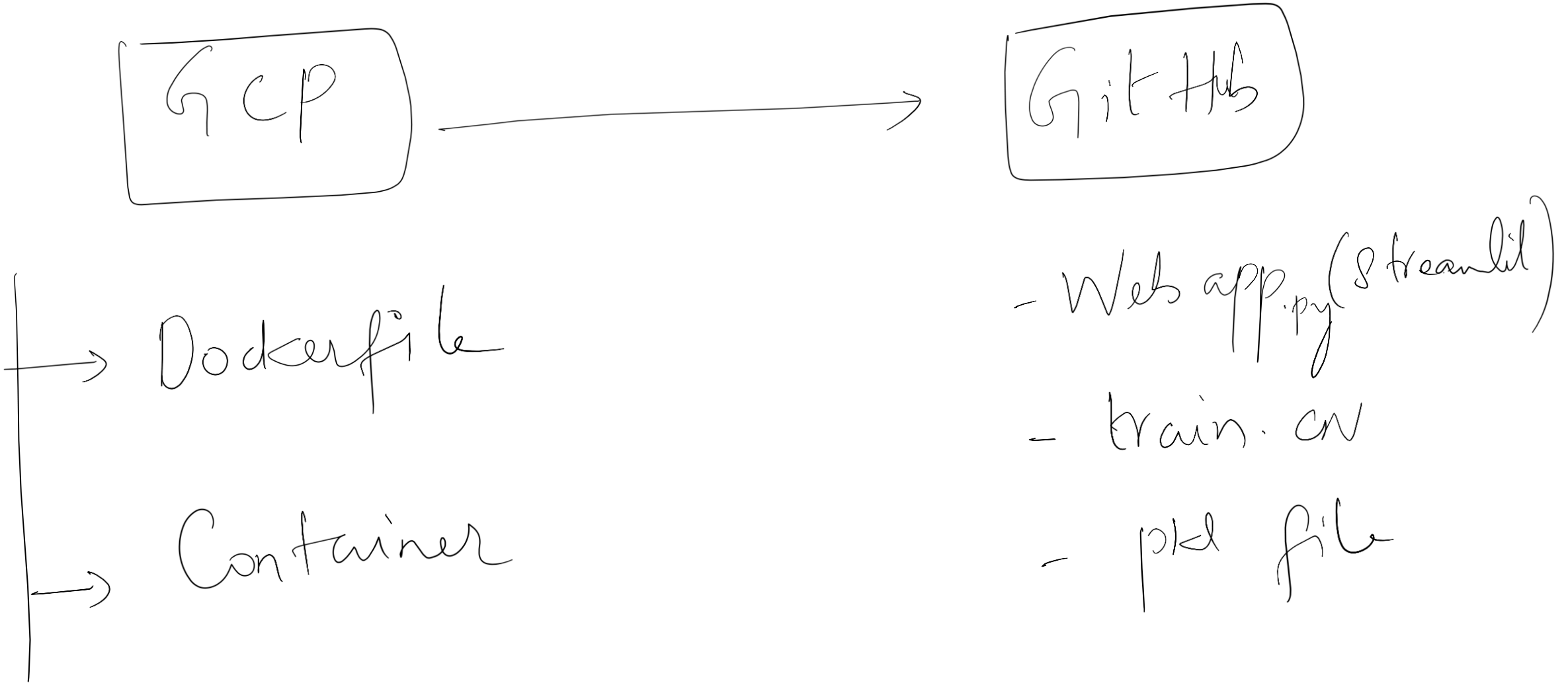
→ GCP → Github
Continuous Deployment

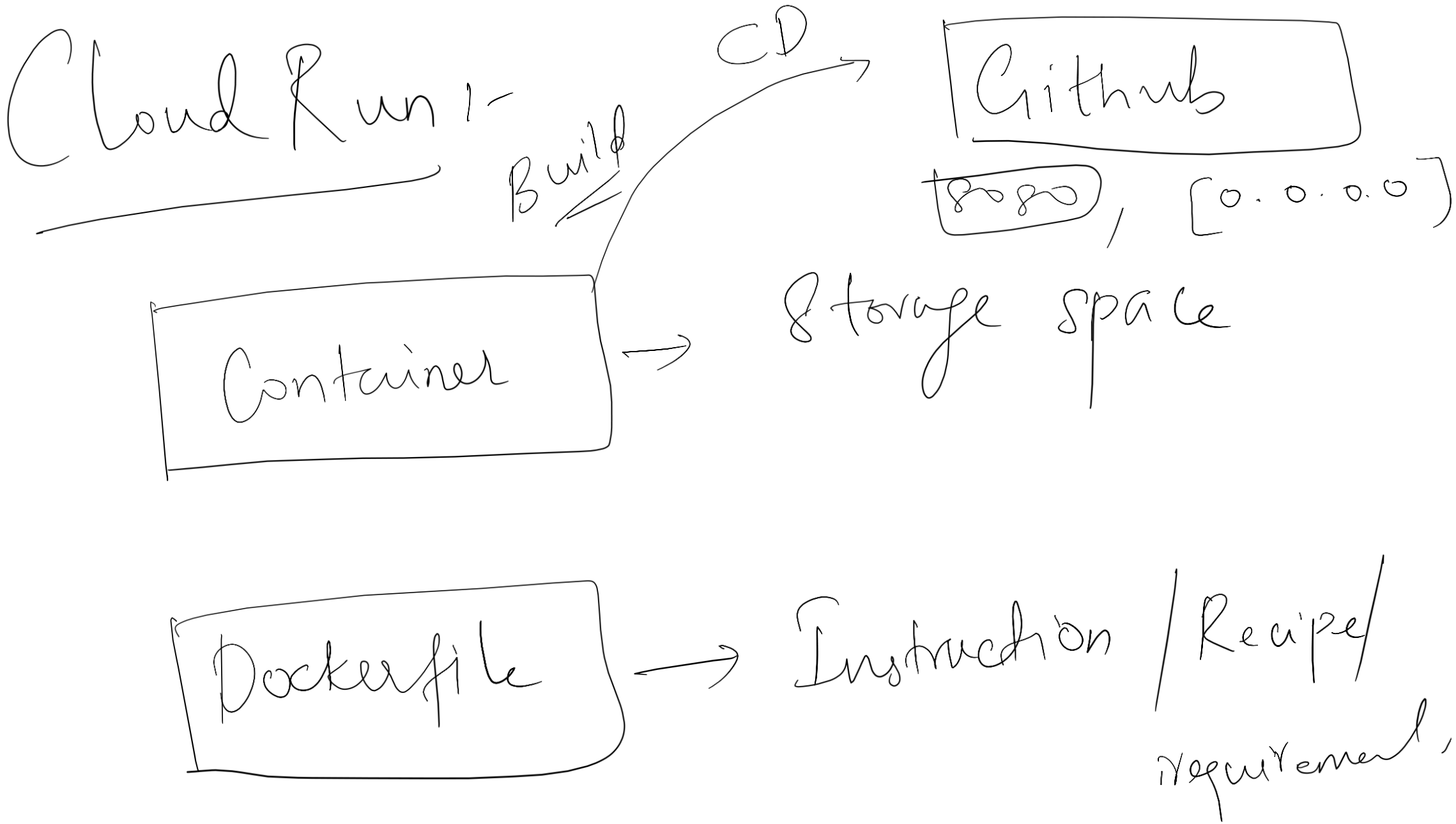
→ Website (link)

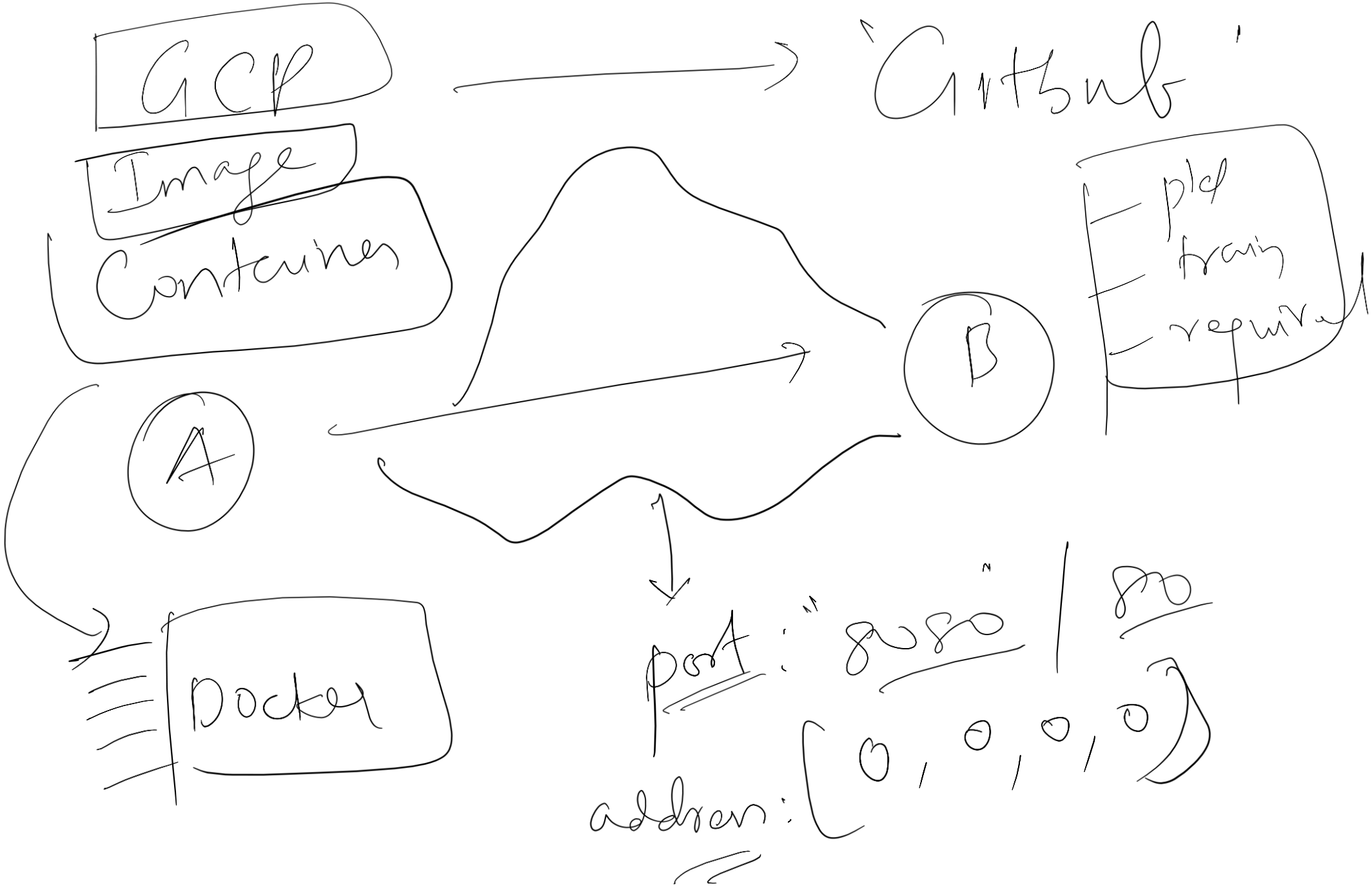

Web App
(Streamlit)
Github
(Host)
Create an a/c
Connect GCP
Docker Container
(Build)
public link for Web App
(Link)

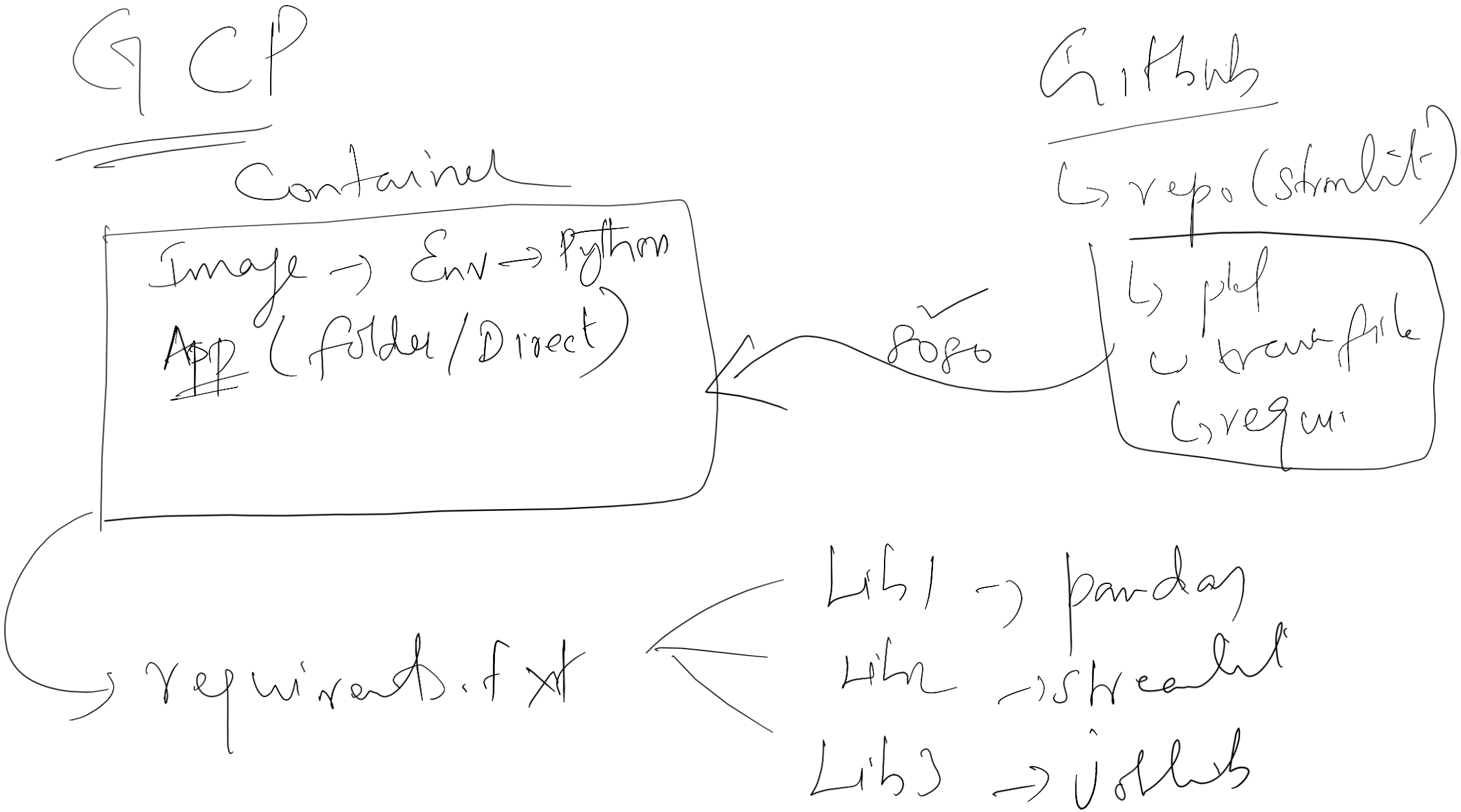

Title
City
City 123
Gender
M/F
Enroll_Univ
training hours
150
Predict
1/0


Title
i/p
feature
Job change pred
City
Major
Hours
Predict
0/1


GCP
GitHub
Dockerfile
Container
- Web app.py (Streamlit)
- train.csv
- pkl file


Cloud Run :-
Build
CD
Github
8080, [0.0.0.0]
Container
Storage space
Dockerfile
Instruction / Recipe/
requirement,


GCP
Image
Container
'Gitbub'
pkg
train
required
A
B
Docker
port: "8080" | 80
address: [0, 0, 0, 0]


GCP
Container
Image → Env → Python
App (folder / Direct)
Github
↳ repo (streamlit)
↳ pkl
↳ train file
↳ requi
Sogo
requirements.txt
Lib1 → pandas
Lib2 → streamlit
Lib3 → joblib

[Let's get back at

8:57 pm I.S.T]