

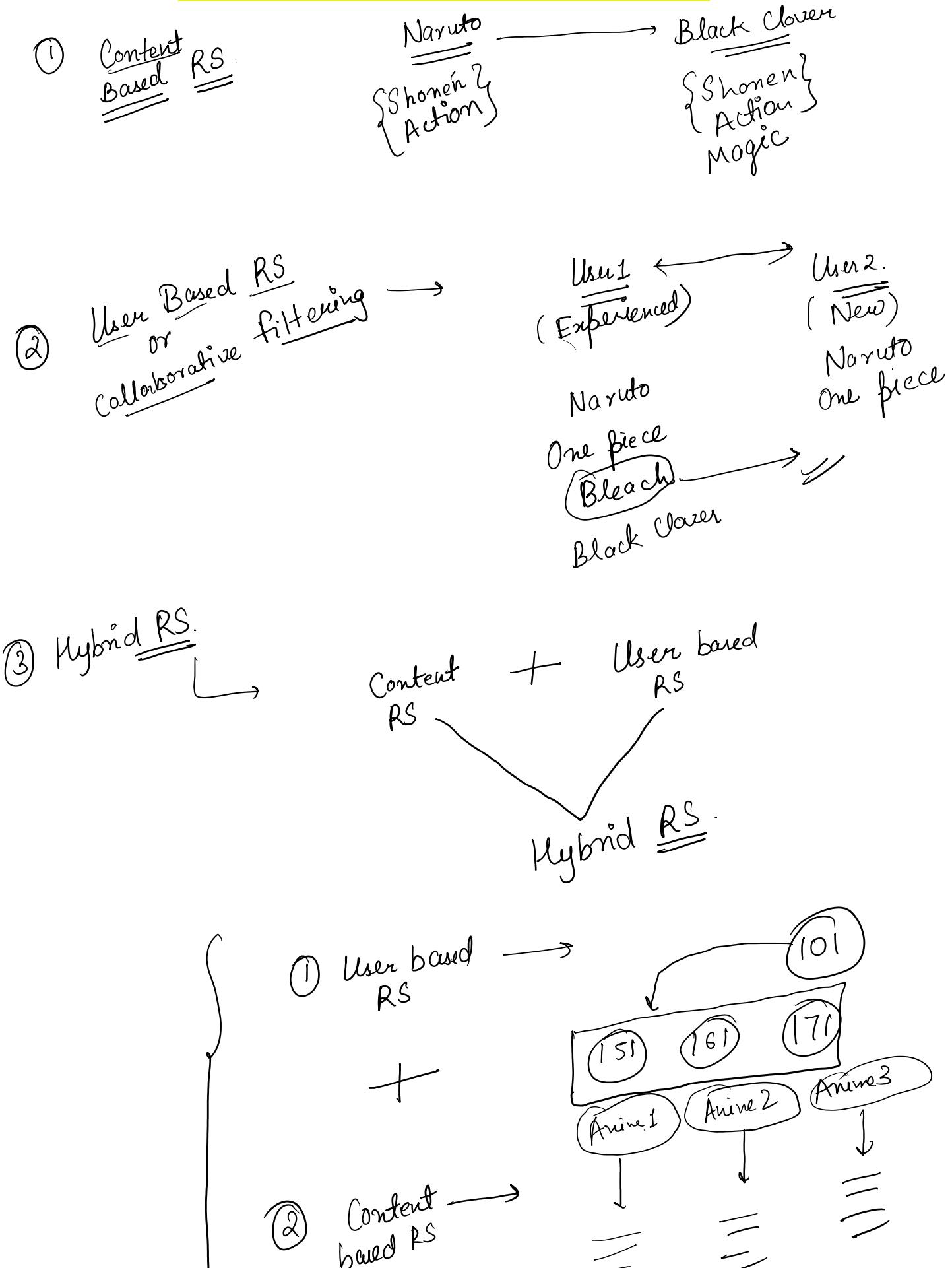
PROJECT INTRODUCTION (MLOPS PROJECT - 2)

ANIME RECOMMENDER SYSTEM

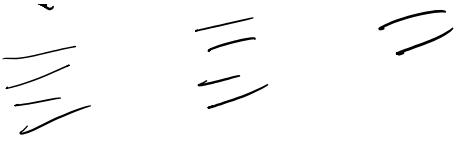
Can you recommend some good anime ?



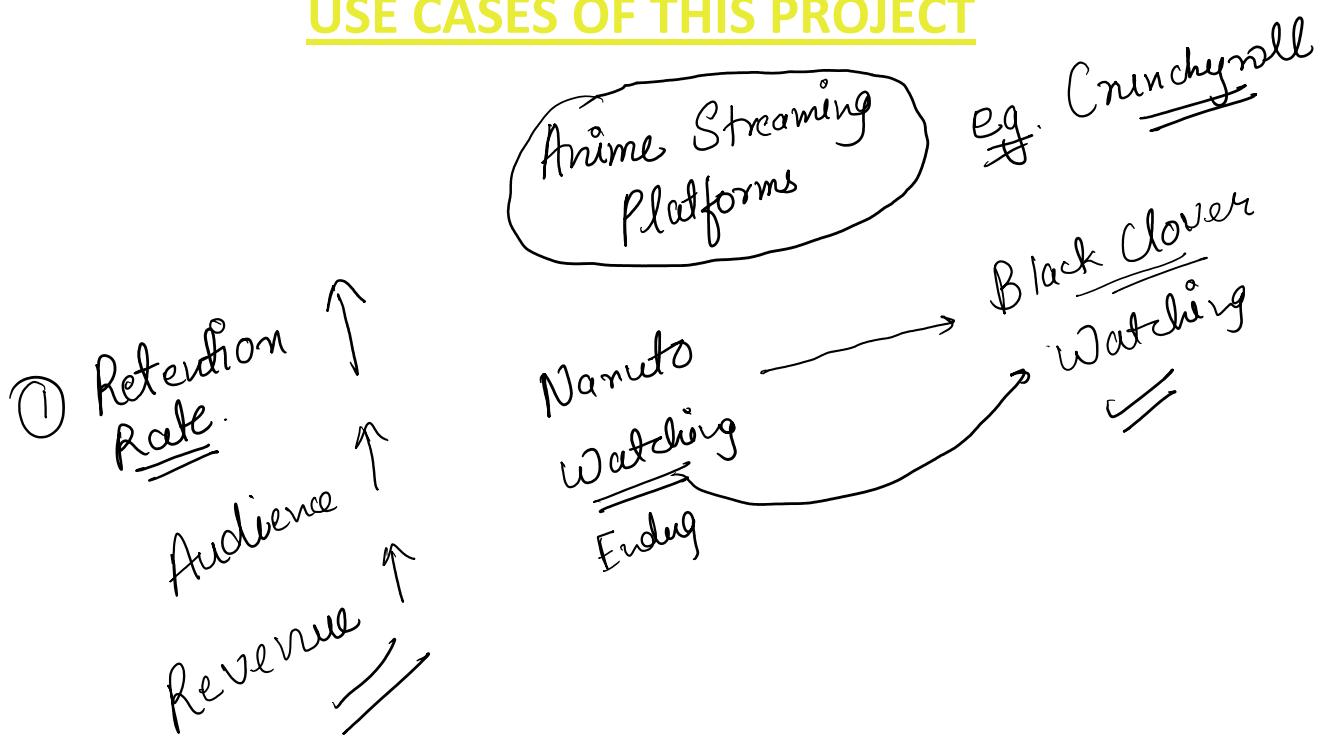
TYPES OF RECOMMENDER SYSTEMS



② Content-based RS



USE CASES OF THIS PROJECT



DATASET USED

Anime Recommendation Database 2020

Recommendation data from 320.000 users and 16.000 animes at myanimelist.net



[Link is in Resource Section](#)

WORKFLOW



Kubernetes

VM Instances

3 VM/PC from Google Cloud

3 Configuration for each PC

Time Consuming

Not Money Efficient

1 VM = 1000 people
10\$ / day

3 VM → 30\$ / day
3000 people

→ 2000 people
20\$ / day
30\$ / day

Google Cloud Run

Small - Medium Application

Not much customization options

Flexo

Kubernetes
(GKE)

Replicates : 3

{ Pod 1 ✓
Pod 2 ✗
Pod 3 ✗ }

500 people → Pod 1
10\$

1200 people → Pod 1
Pod 2
20\$

2500 people → Pod 1
Pod 2
Pod 3
30\$

Total → 60\$

Money Efficient

Easy Configuration

Customization Options also