Phase I → (ontent Based → Attributes of song

Phase II → (ollaborative filtering → Iten - User recommendations

Phase III → My brid → Weighted approach

(ontent Based → Music Info → Sok

transform → input vector

Similarity

Scores

(ollaborative filtering

30h

User Id track Id Playrount

Music Info
30h

Ailtered data

Spane matrix

30k, Imillion

track ids

Ver ids

Playrount

60 GB.

Lipy Sparse matrix > 30 mB integer encoded

ind track ids.

Theraction matrix

) 1000 CT (W)
30h → +	rack Id	Interaction matrix
top songs track	ids ← Sort ←	I hout vector

Deployment - Duc Pipeline

CI → ht Nwh Runner → lode +

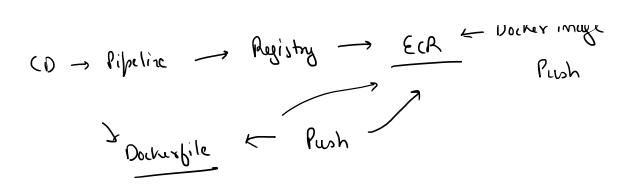
Duc Pull

Test → lytest 200

Dockerfile - instructions

Run -> Fest manually

(D → Pipeline → Registry → ECR ← Docker image



15:56

line - instruction Dockerfile layer in image

Install Python

Base Inage - Python

WORKPIRK

requirements / Fxt

-r regs. txt pip install

datanto

Stranlit run

will pom

traffic

Dockers layers.

(achina

Docker tags for versioning