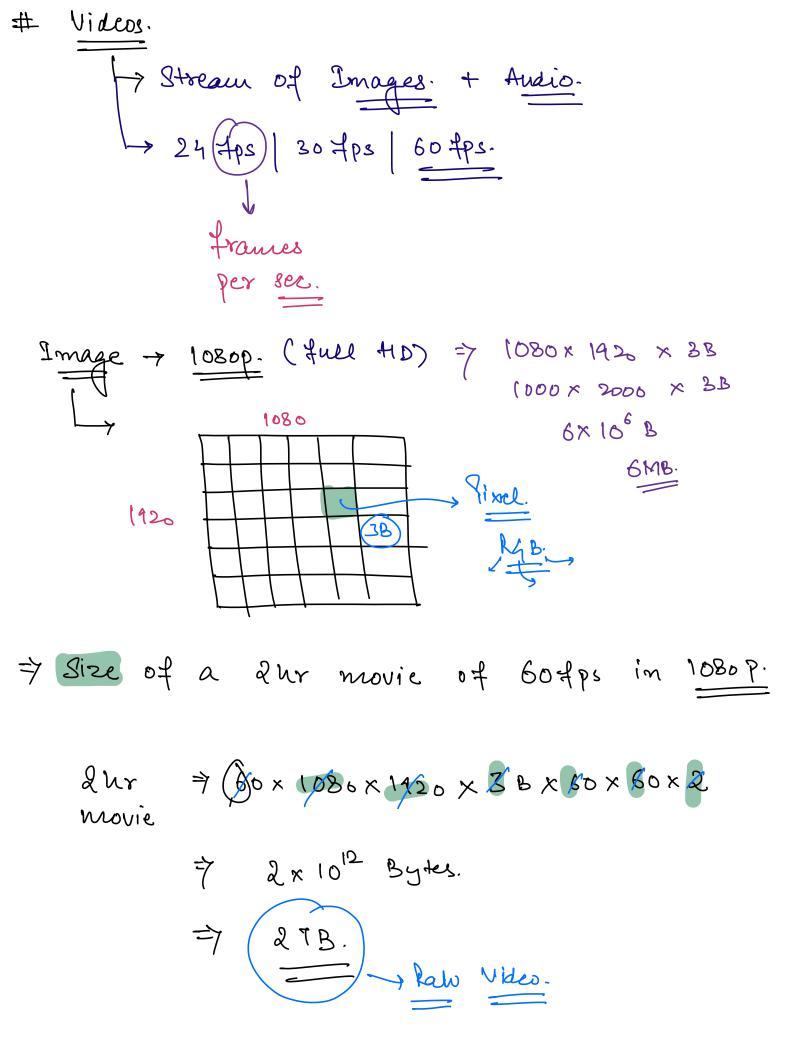
Agenda.	
→	Perign of 077 platforms.
	(Streaming platiforms)
	Inime Videos / Netflix (Hotstery)
Mup.	
→ 8	tream recorded content.
<u> </u>	live streaming.
→	Videos Ingestion.
7	Recommendation System.
	Different resontions.
Trade 0	<u>=</u> 4.
→ (ionsistence vs Availability.
→	Low laterray.

#

#

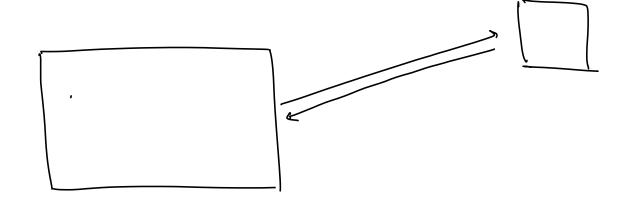


7	Normal user mile not enough n/w bandu to watch a movie of such a unge size	بر <u>:</u>
7	Codecs.	
	Compression + Peconipression . mp 4	
	RAW Video - mkv	
	·aui	
=>	Compression Alamileus tries to only stores	

The Changing frames.

The Storic frames min be stored for entire range

2-3 GB video.



- → We'll not have enouigh boundwidth to download even 2-3 gb of data in one to
- => Client fetches the Video in Church.
- J' Video gets divided into multiple chunks at the time of Uploading (Ingestion itsey.
- 7 Churcification of videos

Max I comen needs to reprocessed in case of any ferime

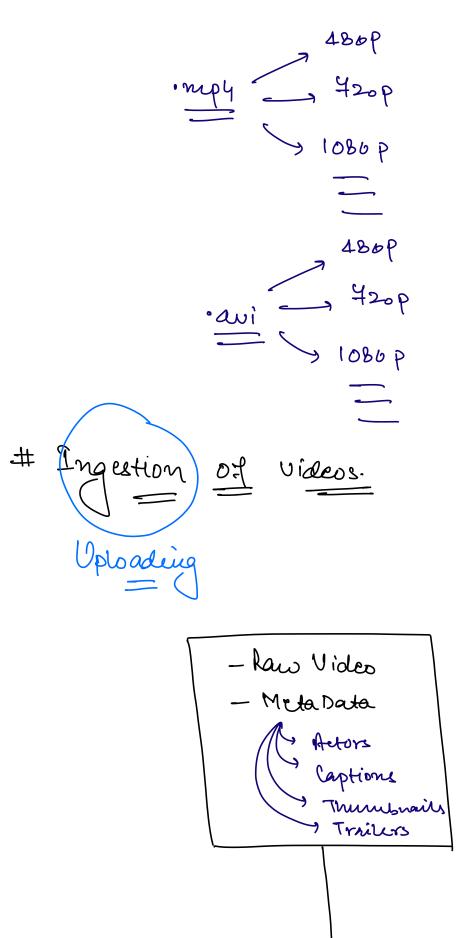
Parallelisation mulite uploading Er downloading

#	Adaptive	Bitrate	Streaming
)

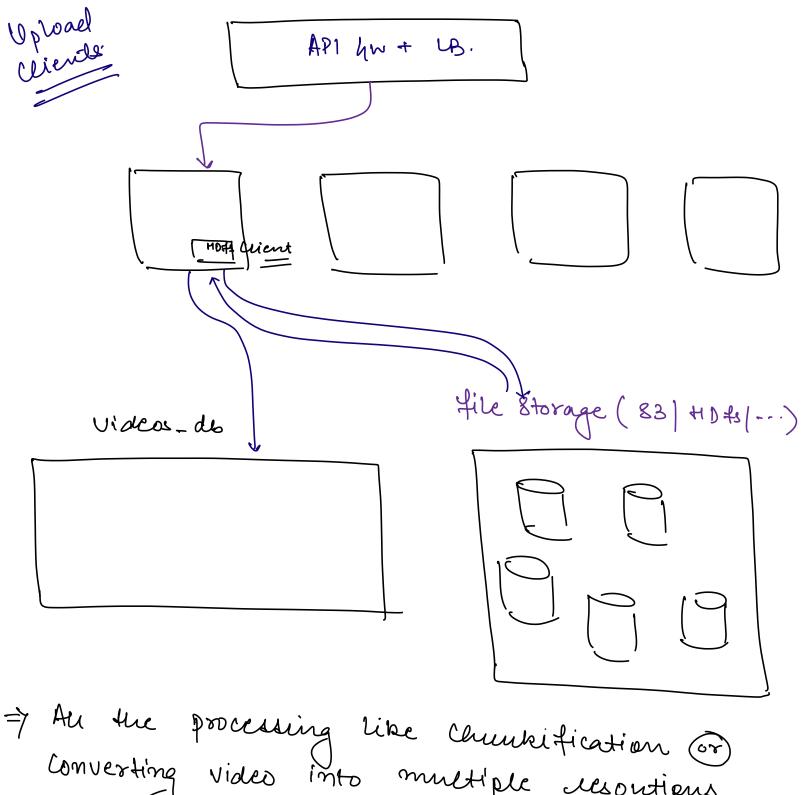
- => Not all the users are going to be same.
 - 7 Different bandmidter
 - -> Different Scien resolutions.
 - -> N/w bandwidth lan beep Changing
 - 7 User agent: Browser App / Moble App.
- => To different clients, we need to provide videos into different resortions (quality etc.

720P 1080P 1080P 1920P 14K 18K

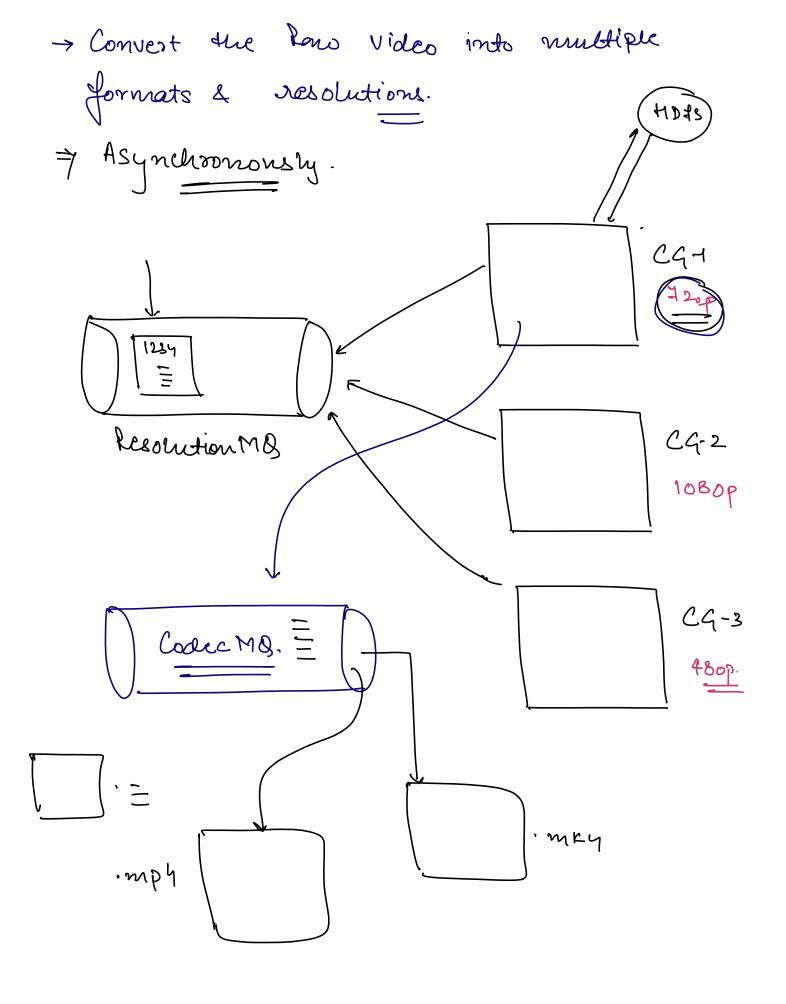
The raw video & converts into multiple formale 4 multiple ues alutions so that at the time of downloading we can just fetch the video.

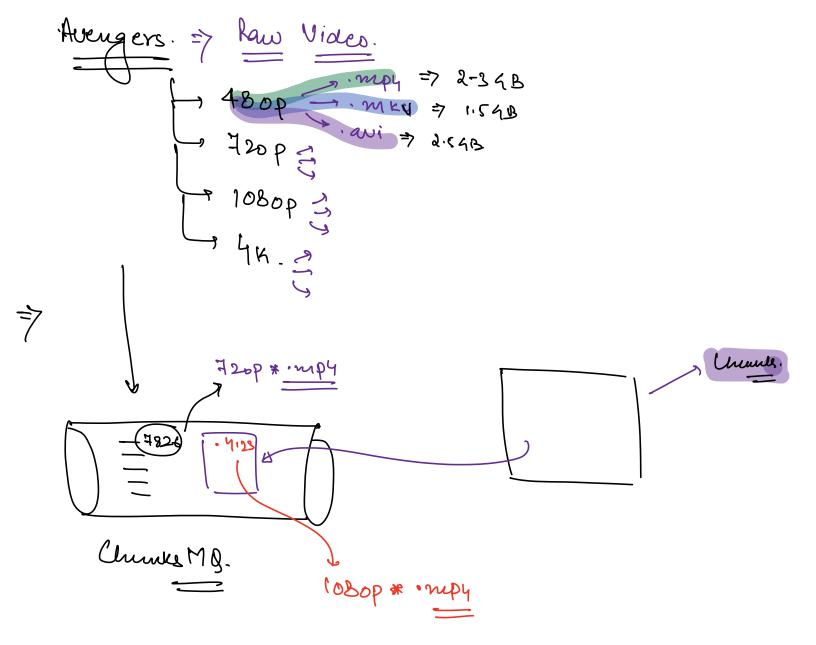


> Storage



Au the processing like Chunkification or Converting video into multiple resortions is done after uploading the Raw Video to the system.

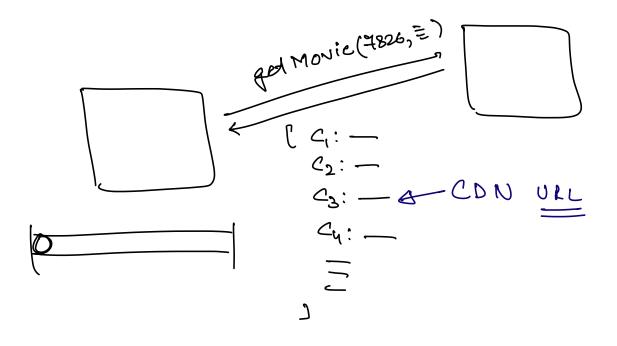


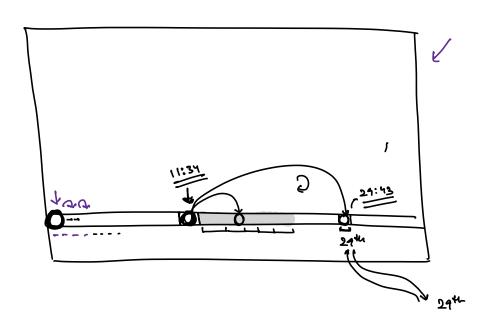


720p x . np4 => 100 Church.

movie-id	resolution	==	Videoid
4826	720p		1784
7826	10806	= =	8417
7826	4 K	22	वि। वि
	,		

_	Videoid	Unenk_id	Start_time	Cudatine	nofemel
	1484	T	0	上	×42
	1484	2_	<u></u>	2_	asc
	•	2	2	3	Nuo
\	1484	_	_	-	_
}		\ -			





OS: Resource Management

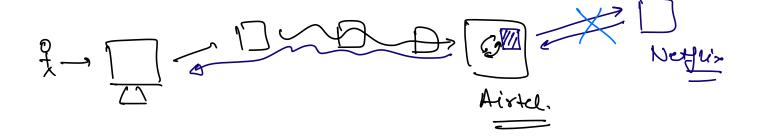
Con-Carrix.

Own CDN: OpenConnect

Aramai J CON.

Ind (3) BK

50 M



- # Cloudfrond CDN.
- # Agora

- 7 live 8treaming, → 29th
- => Rate Limiter => 315t
- =) MS-1 => 3rd feb
 - =) Mg-2 => 5th feb
 - > Nosal => 7th fes.