Processing data with Headoop

A large few to be processed is divided into churchs and is processed paealthely

using map reduce trys

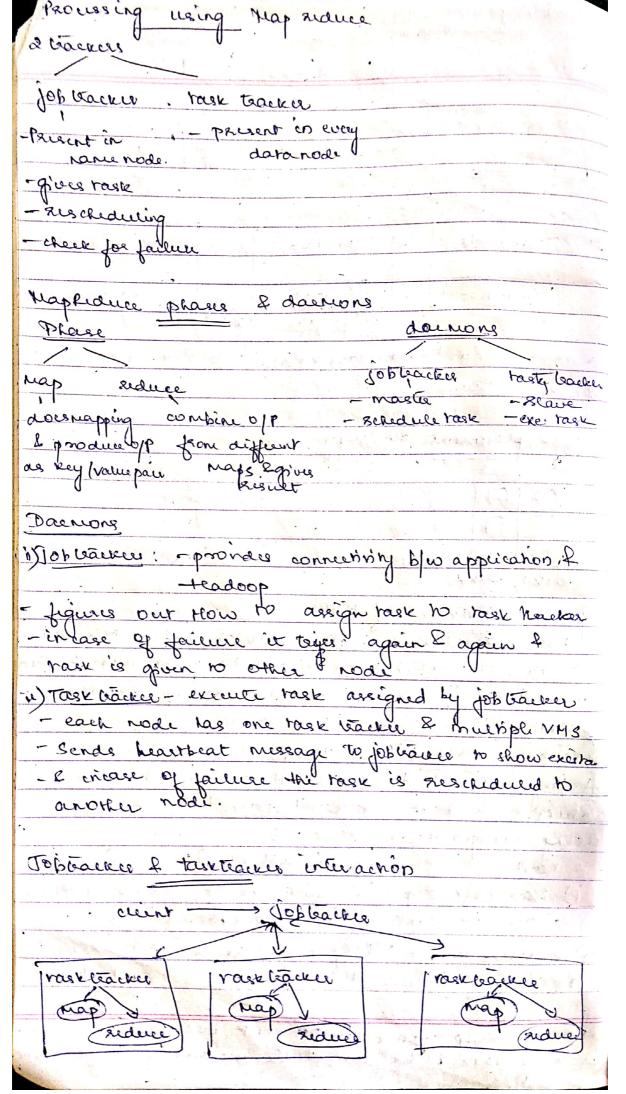
- a rasks (soring & Shuffling)

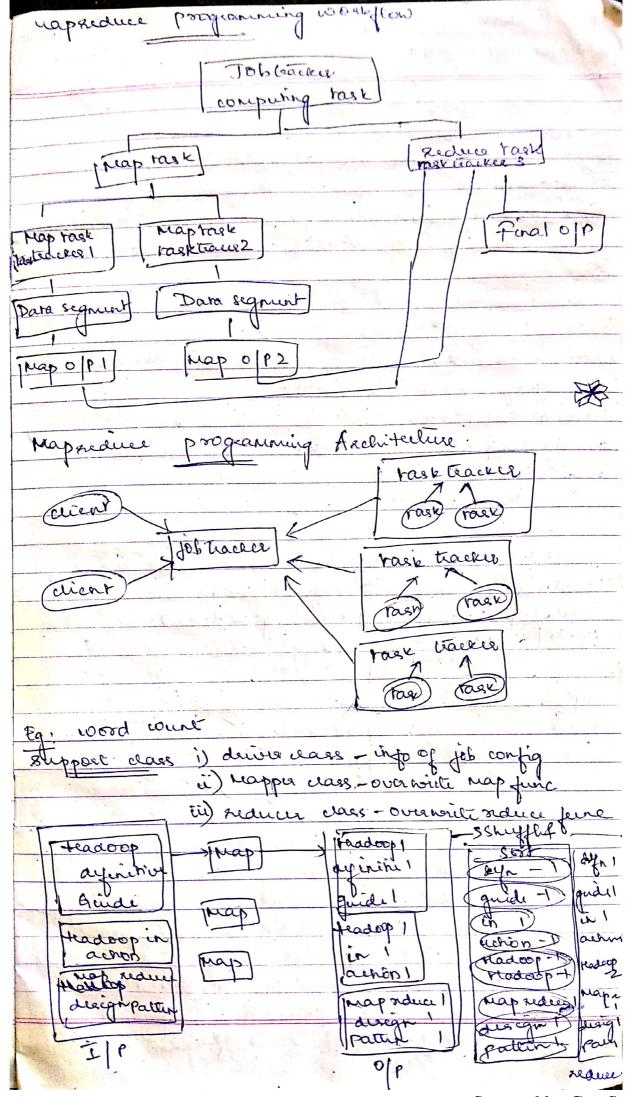
i) Map rask - process each every church of data

lo produce internediate . Risult

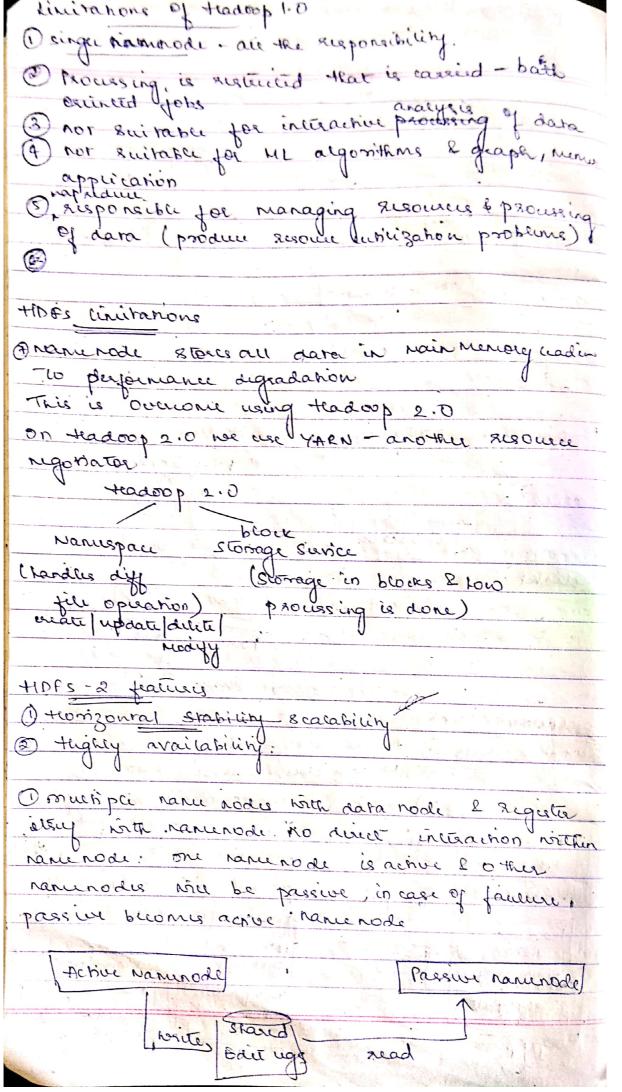
ii) reduce rask - 0 | 0 of may rask 'cs i | p to reduce trask . & combines the off of are map tack

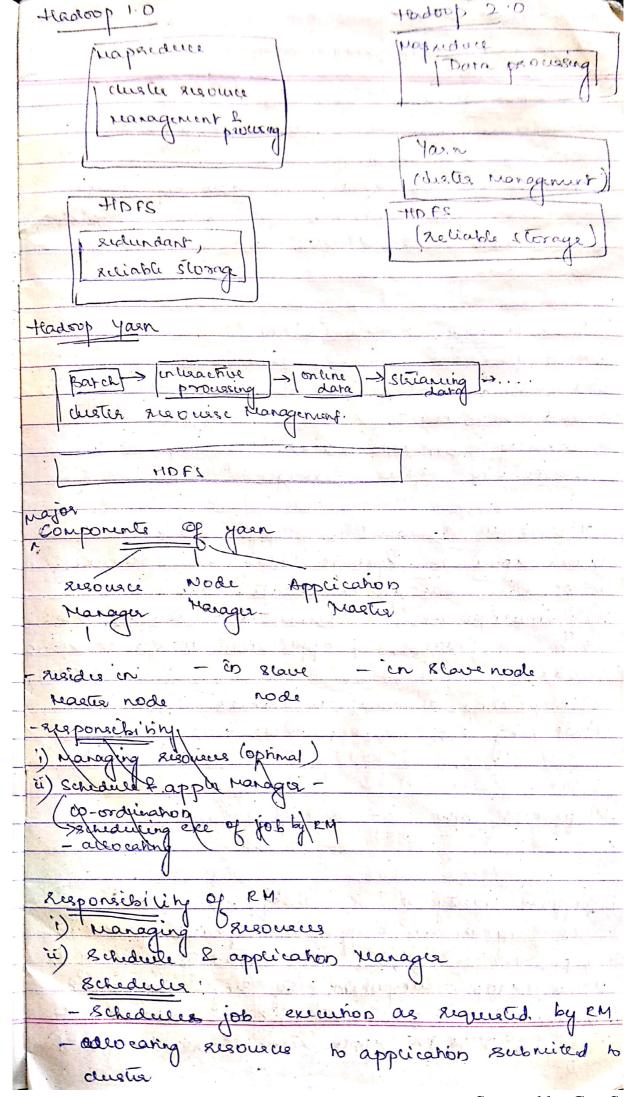
MOPS & map reduce is present in Rane node making data to be available increasing preformance





Scanned by CamScanner





- communicating with AM, keep track of soon,
of running application
Til Application Manager
- co-ordinate with Releduce to keep took of
- Running application
- acceptingly the int submission from the clear
- regoriante lier containe for exactly applicable.
especific roller viras suivable application master on
Blave node.
¿) Haraging & executing contraines
i) no intil usage of repueur - Menory, 40
and reporting to resource manager
iii) Sending harr beat messages regarding status
update la risure manager
J. 14. 11. 31.
(3) Appeiration Hanagerastie - responsibility
i) per application specific library which works
with node manager to execute I task
ii) y muripe johs are subjutted on duster, more
than one instances of application master on slave
node
iii) respriating resource containes
(1) working how one one more node tearague
Dillianus Livi was Pinas and
Diffuences blu gaen & map reduce
yarn Mapriduce
i) support varity of i) simport is own apply
processing engines & appen visibles barch processing
i separate its dunes i consolidate most of hour
acuses muriple component by single component.
iii) dynamically allocate portivii) storic allocation of
of allera to applie resource for designated
rane.

- opened up new cisces for Apache HBase & - Resource ublization & - Righ availability

- performance is improved nort to mapriduce

- suitable jor real time processor since it

- suitable jor real time processor since it to finish Application of Map-Reduce - Softcopy