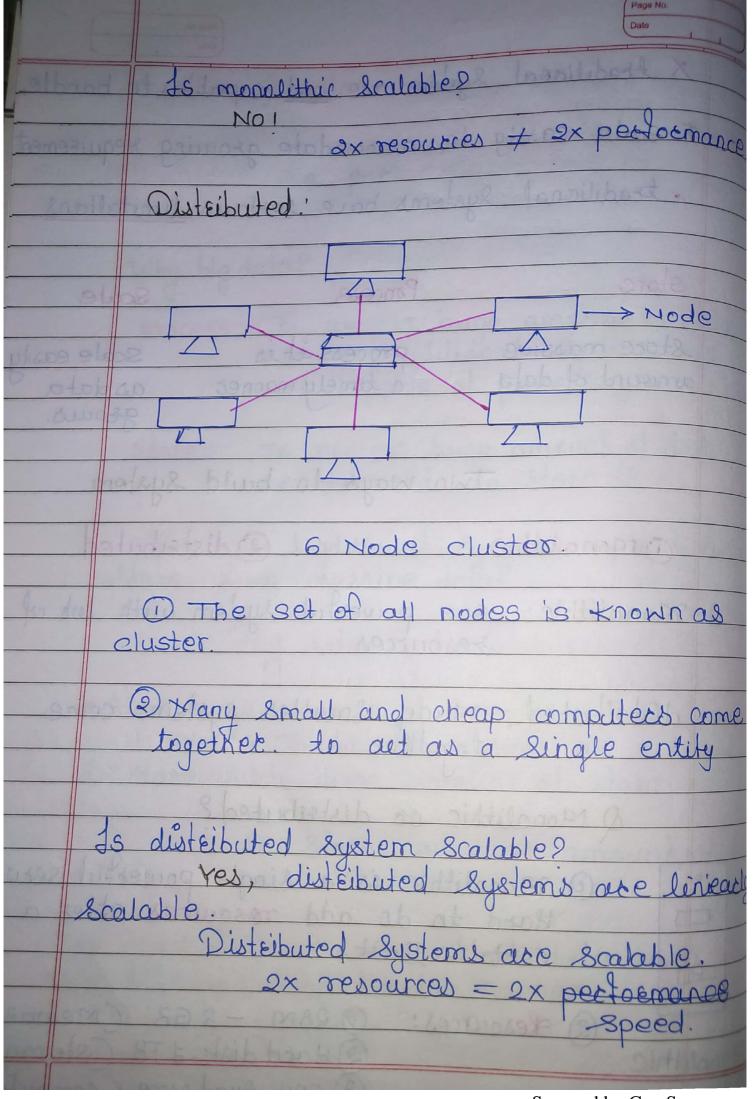
4th v of data: Veracity: uncertainity of data

i.e poor quality data

unclean data. Why big data? process: To process huge amount of date which traditional systems are not capable of processing. Store: To process huge amount of data we jet need to store it. Store such massive data? Big data System Requirements? \* Store huge amount of data:

TEaditional Systems are NOT Fit
to store such huge amount of data. · So store massive amount of exprocess huge amount of data in a exticient and timely manner.

100			Page No. Date		
X tro	idilianal System	ace not cap	able to handle.		
			requirement.		
tead	lilional System	s have seriou	es timitalians		
store		ncess	Scale		
	massive p	mocess it is timely manner	scale easily as data grows.		
	The ways to build system.				
(I) Mo	Monolithic 5 2501 2 distributed				
Monolithic: one powerful system with lot of resources.					
distributed: raany smallet systems come togethet.					
	Q. Monolithic or distributed?				
	9 Monolithic i Hard to do Centain limit	s a single po add resource	weeful servet.		
Monolithic 2	) ROOM CO	D RAM - 8 GB D Hoed disk-27 3) CPU Quad cor	B (Storage)		



30 80	Monolithic Aechitecture	Page No. Date  Distributed  Aechitecture
Magq	Vertically Scaling (Not true Scaling)  So, Monolithic	Homeontal Scaling (True scaling)  Or distributed?
9137 9137	X Monolithic	all good big data systems distributed architecture!
epnix V	Mhat is hadoop? Hadoop i bigdata problems.	s a feamework to solve
		gle released a paper to ribes how to store large
		paper was called as (google file system).

	Cano
2004	Google released another paper to described how to process large datas
2004	This paper was called as MapReduce.
2006	rahoo took these paper & implemented it paper
2006  Mahada banab	The implementation of GFS was named as HPRO (Hadoop distributed tile System).
Max Manusmust	The implementation of Mapreduce was named as Mapreduce Curchange
	op Vecsian of 1.0
MapReduce - to	distributed storage processing.
2009	Hadoop comes under Apache Softwore Foundation & become openco Source.
2013 A to	pache released Hadoopal provide major performance honcement: Scanned by CamScanner

Scanned by CamScanner

