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	Lecture: -1 [ Introduction to DBMS]
	it is not and and it is all product or any throught
>	Data: These age the collection of raw unorganisad
	facts, observations, figures and symbols.
•	
	Data doesn't have any meaning unless it is processed. It is of form of bits and bytes.
540.	It is been ortole betalenered in the winds allow
->	Types of Data whole and stants of monasond
•	Buantitative: (i) Numerical form, (ii) Weight, volume
note .	to mail be and deletion of the
•	gualitative: (i) Descriptive, but not numerical
	Name, gender, Rair Color.
	(Many Course)
$\rightarrow$	Partormation:
•	Information: 2009 (2MB) (4 stod oto)
	processed data, organized and structured form.
	It provides context of the data and enables
	decision making.
E.	-> Dams vs File Byltem
	B.D. = We have collected the data of & all the
	people living in our kom locality, when we analyze and interpret it, some insights are come below:
	We analyze and interpret it some insights
	and Comeway of élevation washington atol
	D'Thére are 80 1 serion citizens.
	6) The Sex vah'o "1:1"
	3) New boarn babies are 50.
NE.	

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Database An electronic place/ System W stored in a way that it can accessed, managed and USACCA To make use of data, he need > DBMS A database - Management syste collection of interrelated data a program to access the data of · It performs all the operation addition, access, updating and Database DBMS vs File System File-system have given below major Dota redundancy and in consist ency.
Redundancy = duplicates which are in consistency = not synchronized.



file - 8 ystem is wellike manually making file & folders) it may be possible that for a se some person two different file are there as some after getting ment features in the bank.

For any particular account many transactions are happening at the same time in Consistency can be asis if the changes are properly managed.

Difficulty in accessing data:

For a very large data collection, it's very

Data isolation:

Data isolation means that a particular part of an project mes should be completed before any other person view or edit that part. 5425 hand to do in a file - system.

Tostegrity problem:

Offer every new feature comes in a company

it's very hand to manage it in the

file-system to integrate.

(S) Atomicity problem: There are some processes which are completed or not completed but should never be in Hate of half - completed.

Con Coverent - access anomalies: (6) Con Current - access =) a ability to The Same data by most start of the same file - System. Which are 3ystem are the advantages