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Name: Tejas Redkar Panel - C, Batch - BDT - 2 (B1) ROII no: 22 , PRN- 1032210937 BDT Lab Assignment 2 Pocoblem Statement: To install & configuere Mongo OB/ Cassandres/ HBase Hypertable. Coverte a sample database using NOSOL & implement the crup operations * Objectives: 1) To leaver concepts of shouldwied & unstouchwied 2) To leaven how to use Mongo DB. Theovey: Stouchwood V/s Unstouchured Data; Stunctured data is highly specific & is istoried in a puredefined format, where unstructured data is a compilation of many varied types of data that are stoured in their native yournats.

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Structured data is commonly atomed in data wavehouses & unstructured data is istomed in data lakes.

Structured data can be used by average business user, but unstructured data verquives data science expertise in overder in gain accurate business intelligence.

- Mongo DB you a wide variety of vicasons:
 - · Document model
 - · Fully Scalable
 - · Deployment options
 - · Get Started Quickly
- * Syntax of CRUD operation queries in MongoDB:

Thesert: db.database_name.insert one ([3)

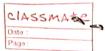
Update: db. database _ name. update One ({})

Find: db. database_name. name. find ({})

Delete: db. database_name. name delete One ({})

- * Platyorn: 64-bit open Source Linux/windows.
- Conclusion: Hence, I learned installations & configural of Mongo DB/ Cassandra/Hbase/Hypertable also implemented crub operations.

	Fage :
*	FAQ'S
	The state of the s
(iD	Coulate an Emptable & perytourn the CRUD operations.
·	Write queries your each operations.
Ans	Use employee
	db
	-> db. coreate Collection ('emp')
	> db. employee - Toseyt one (5 name: "Any", age: 14, age
6	· "HR"}
	→ db. employee. Update One (& name: "Vary", } & &set: & age
	The state of the s
	> db. employee. find() → db. employee. delete One ({name: "Any"})
	Explain the application of Mongo DB also give examples of open source database southwares.
<u> </u>	of open source database vouthwaves.
Ans	Applications:
	1) IoT data 5) E- commerce
	2) Mobile Apps 6) Analytics & veepoviling.
	3) Gaming
	4) Social Media
,	Example of Open Source DB
	· \
	1) Hy SQL
	2) Post gue SOL
	3) Maria DB



03) db. could collection ("Album"); db. Album. insert one (5 Type: "Studio"), Audiot: "ABC"; Title: "HNO", Genue: "Rock", Release Date: "2022-05-10" Toracklist: C& Torack: 1, Title: "xyz", Length: "9:11"} cast: [" Fonda", "Jave"] 7); 1) db. Album. find ({ Release Date: { \$ gt: "2000-01-01"}) 2) db. Album. find ({Release Date: { \$9t: 11999-01-01"}) 5 lt: 1/2000-01-017/3/3); 3) db. Album. delete One (& Aurlist: "ABC"}) 4) db. Album. Update One (& Type: "Studio"}, [\$. set : & Hitte : "New Studio;" }) 2619123