

Basics of Relational Model and MYSQL

05 September 2022 09:42

① value the others time
→ Meeting → On Time }

② Email → man_for Hi 1
Respond → x, 4, 2

∅ Hi Team fix
Hi y

③ ✓ Invite → Rsvp → Accept ✓
Tentative
Deliver

④ Team →
Hi
∅

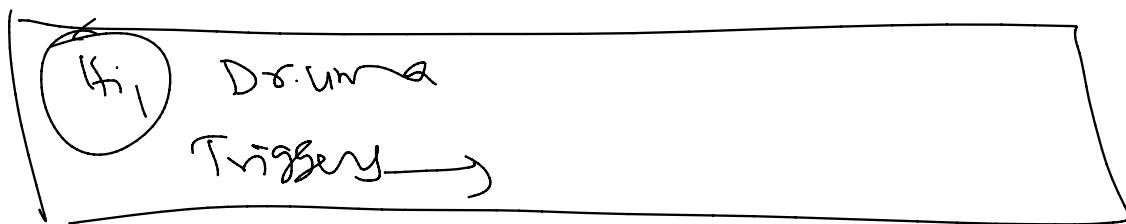
Hi Dr. Virendra,
going can you share

15 minutes

25 minutes

15 minutes

~ 100 words



Objectives

- ① Relational model
- ② RDBMS
- ③ MySQL
- ④ Interface of MySQL Workbench

Record:

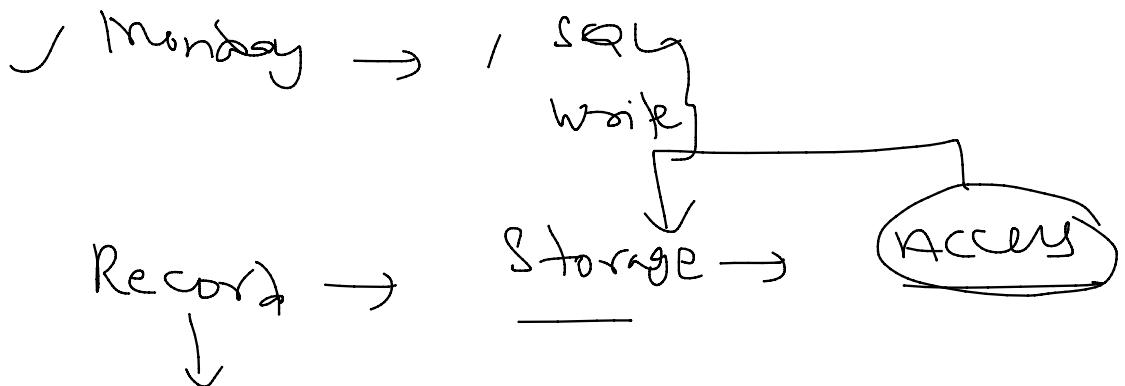
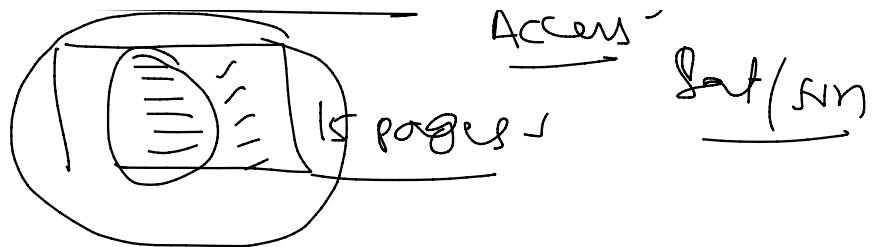
- Collection of Data ✓
- For the future Ref

Store Record → Access Record.

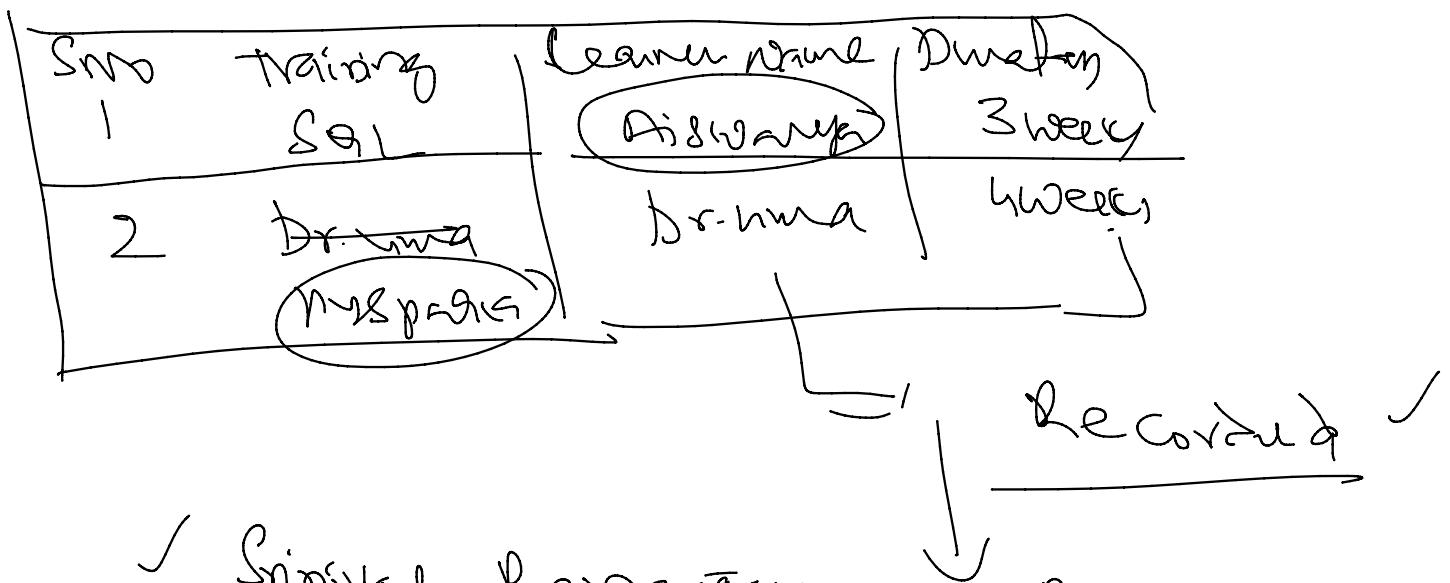
Running Notes:



Access → Sat/An



Indium



✓ Srinivas Ramangay

Maths

Notes

Proof:



Record

Record

(1 Obj)

Store → Approach → Accum

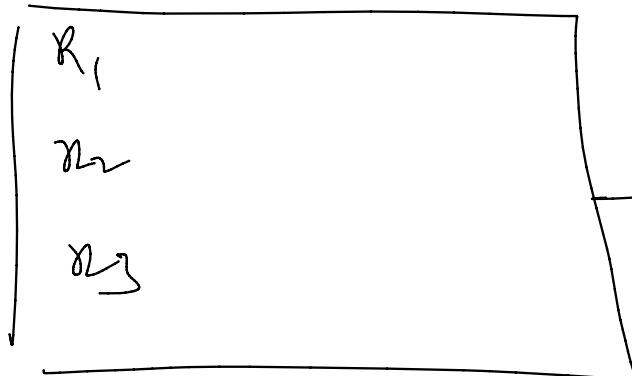


Table
Relation ↗

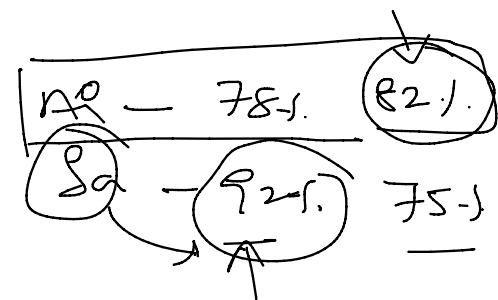
Employee	Position	Location
Fred Jones	Mfg. Engineer	Building 1
John Smith ✓	Test Engineer ✓	Armstrong Range ✓
Joyce Brown ✓	Launch Engineer ✓	Cape Huntington ↗
Lily Nguyen	Test Engineer	Armstrong Range

why we need to store the data?

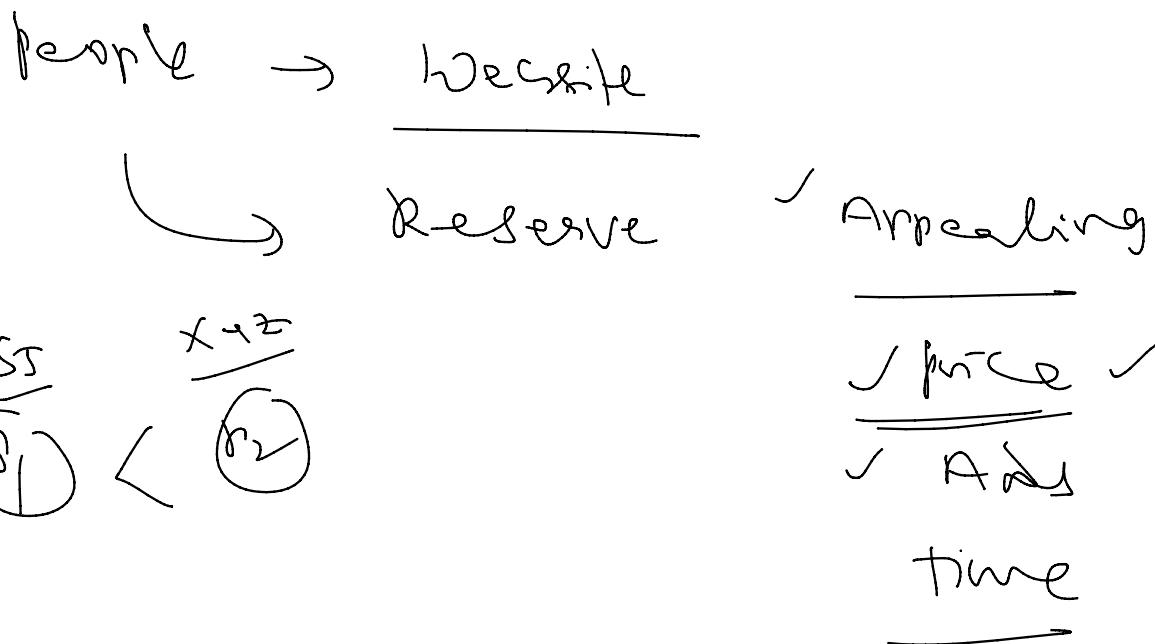
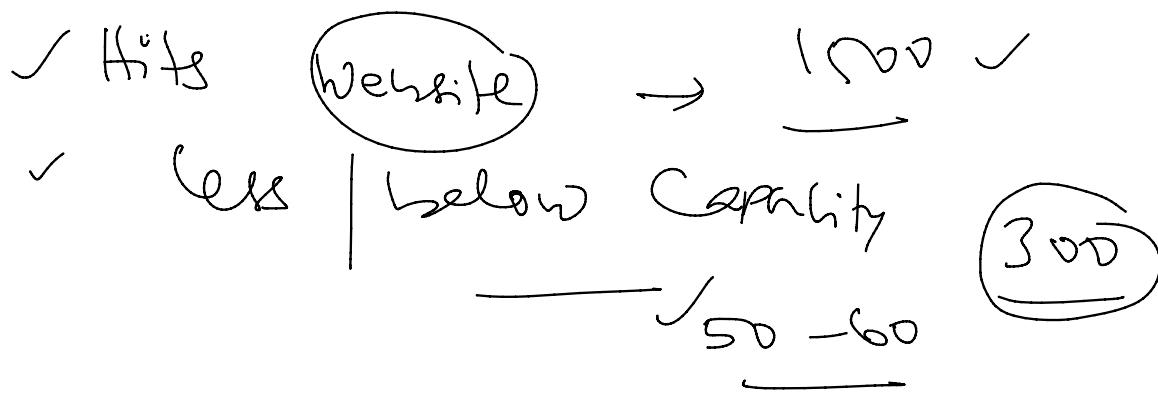
a) Analytical →

b) Business Improve men-

←



Airline Reservation



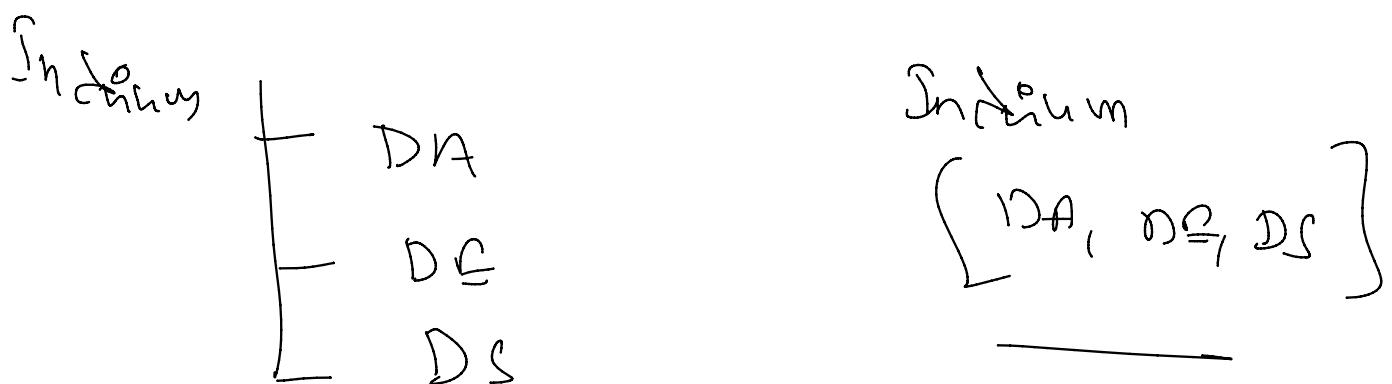
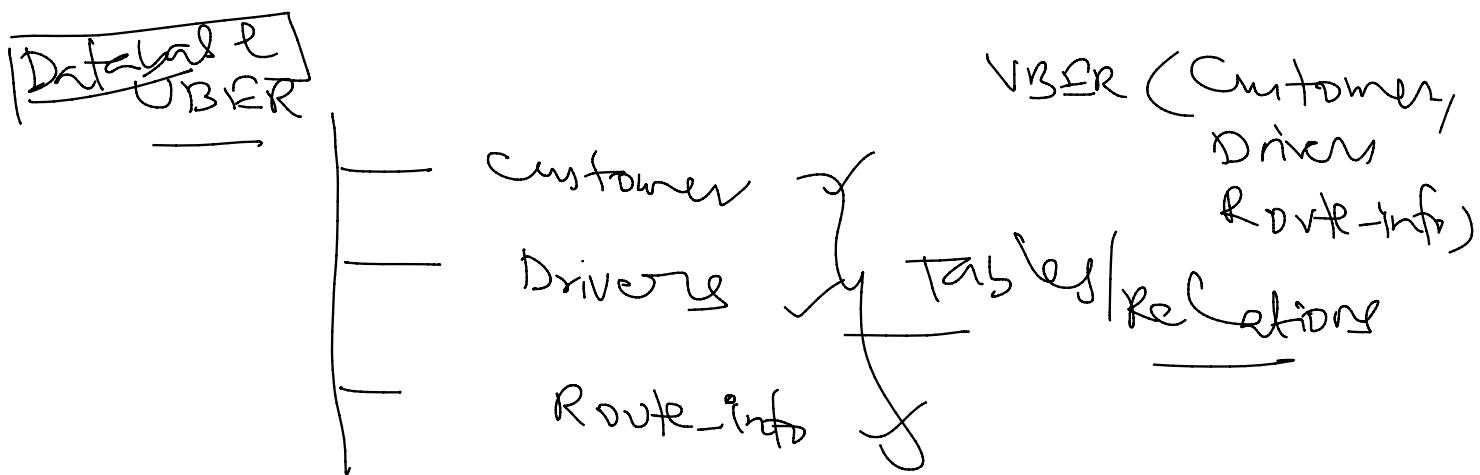
Database:

_____ directory which I can
 store the data in the form
 of tables.

Employee	Position	Location	
Fred Jones	Mfg. Engineer	Building 1	→ Record
John Smith	Test Engineer	Armstrong Range	
Joyce Brown	Launch Engineer	Cape Huntington	
Lily Nguyen	Test Engineer	Armstrong Range	

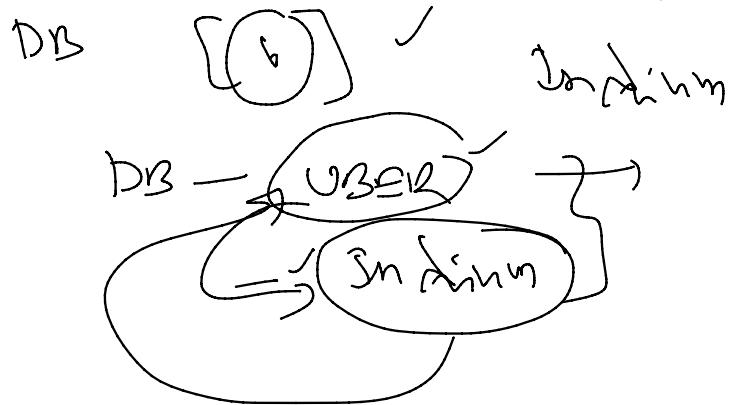
→ Rows & Columns fashion

Table / Relation



Separate →

DB [] ✓ VBER
In domain



- ① Searching / less time }
- ② Security

3rd Way →

800 pages

1
2
3
4

3rd Way

Books →

Preface → Index

A

B

C

D

Attribute
— 50%

Bitwise

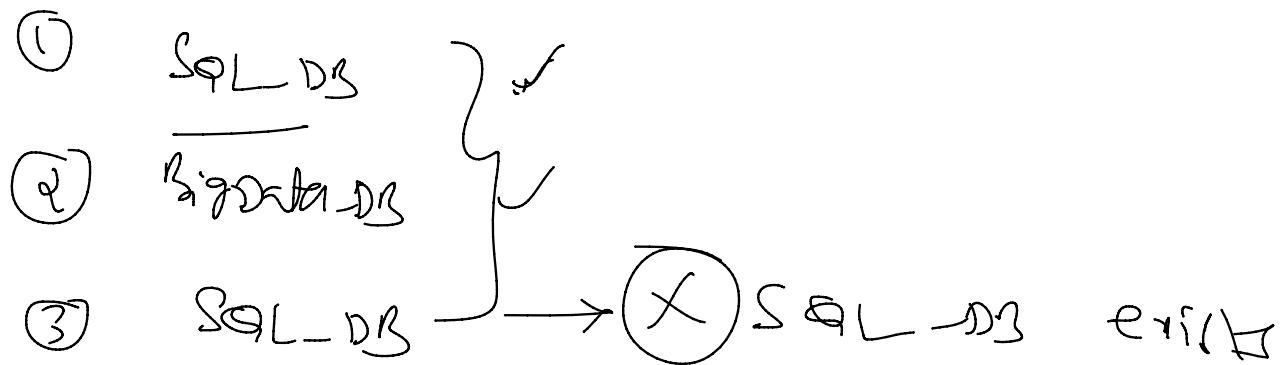
Constraint

Domain
99

78

92

Databases



Tables

DA-Team ✓
DS-Team ✓
Hadoop-Team ✓
Hadoop-Team X → Same table (X)
Spark-Team ✓

Table

columns (Attributes)

Data Analytics

SNo	Name	Description	Qual Exp	Name
↑	↑	↑	↑	(X)

Key Takeaways

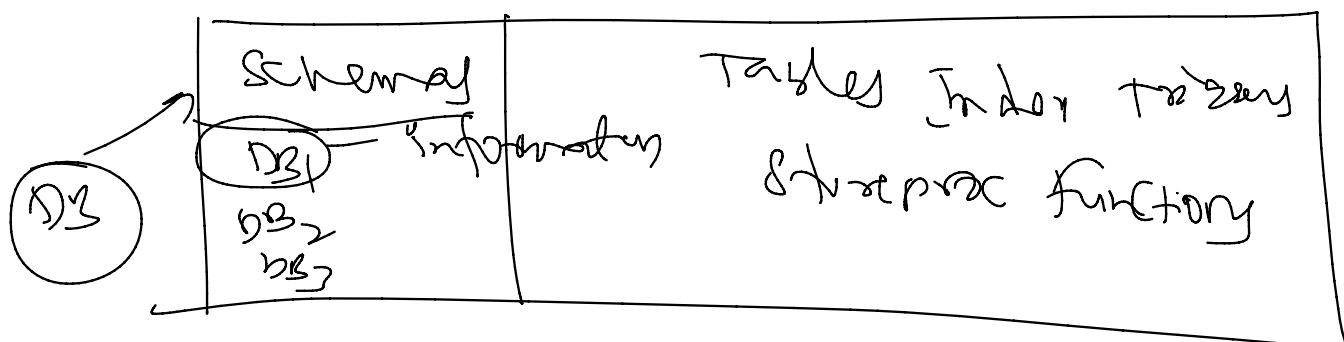
① General

② course [modules, assessments]

③ Database / Relation / Table

④ Record

⑤ MySQL Interface



→ CREATE Database SQL-Batch;

→ SHOW Databases;

Tasks

Task 1

Prepare the today terminals

→ m1..

Task 2 : Systall MySQL slow info
your machine.

- Today 'terminator'

Task 3: Slack long ↴

- class shell }
- material
- Instructions

