HI GUYS, THANKS FOR JOINING THE SESSION

👉 Session going to start in few minutes.

👉 Meanwhile, Please follow us on the below social media platforms to get updates on our future articles and sessions.

NOTE : You can find all links in the Goto Meeting chat.

INTRODUCTION

This Online Webinar is organized by Scholar IT Solutions Scholar IT is IT Solutions provider Scholar IT is a group of Professionals with Technical and Domain Expertise and now an experienced and robust team of efficient people are serving its clients(entire USA) It is one of the best company in US. You can follow Scholar IT social network like webiste,facebook page and LinkedIn page.

Normalization

- **Normalization** is a database design technique that eliminate redundant (repetitive) data and ensure data is stored logically.

- Normalization rules divides larger tables into smaller tables and links them using relationships.

Normalization

1.First Normal Form (1NF)

- Each table cell should contain a single value.
- Each record needs to be unique.

Normalization

2.Second Normal Form (2NF)

•Create separate tables for sets of values that apply to multiple records.

•Relate these tables with a Primary Key and Foreign Key.

Normalization

3.Third Normal Form (3NF)

•Eliminate fields that do not depend on the key.

Joins

- Joins can retrieve data from two or more tables based on logical relationships between the tables.
  - ✓ Inner Join
  - ✓ Left Join
  - ✓ Right Join
  - ✓ Full Join
  - ✓ Cross Join
  - ✓ Left Outer Join
  - ✓ Right Outer Join
  - ✓ Full Outer Join

Joins

- Joins can retrieve data from two or more tables based on logical relationships between the tables.

Self Join

Self Join Table

TeacherId	TeacherName	HeadId
1	Lucas	3
2	William	1
3	Henry	NULL
4	Alexander	1
5	Oliver	1

Teacher As T

TeacherId	TeacherName	HeadId
1	Lucas	3
2	William	1
3	Henry	NULL
4	Alexander	1
5	Oliver	1

Teacher As H

TeacherId	TeacherName	HeadId
1	Lucas	3
2	William	1
3	Henry	NULL
4	Alexander	1
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