

Meeting Minutes - DAY 16

Meeting Topic	Date	Time
Simplifying Complex SQL Queries with Subqueries, Views, and CTEs	17/05/2024	10:00 AM
Company	Location	Mode
FUTURENSE	Jain University - SET	Offline: In Person

ATTENDEES

- FUTURENSE TECHNOLOGIES
- SPEAKER: MR. AKASH DAS
- 2ND YEAR STUDENTS OF CSE - ARTIFICIAL INTELLIGENCE & DATA ENGINEERING OF JAIN UNIVERSITY SET: FROM USN: 22BTRAD001 -22BTRAD030

AGENDA

- UNDERSTAND THE DIFFERENT WAYS TO USE A SUBQUERY IN A SELECT STATEMENT.
- INTRODUCTION TO THE CONCEPT OF VIEWS AND CTE (COMMON TABLE EXPRESSION) FOR SIMPLIFYING COMPLEX QUERIES.

DISCUSSION

- ENHANCED FILTERING USING SUBQUERIES.
- TACKLING COMPLEX FILTERING SCENARIOS.
- USAGE OF VIEWS FOR SIMPLIFIED DATA ACCESS.
- INTRODUCTION TO VIEWS AND CTES.
- REUSABILITY OF VIEWS IN MYSQL.

DECISION

- ADOPT SUBQUERIES FOR ENHANCED FILTERING.
- UTILIZE VIEWS AND CTES FOR COMPLEX QUERIES.
- PROMOTE REUSABILITY THROUGH VIEWS.

ASSIGNMENTS

- COMPLETE ASSIGNED TASKS: DISCUSSION 5, DUE BY EOD (17/05/2024).
- UPLOAD THIS SESSION'S MOM.

ACTION ITEMS

- IMPLEMENT EXAMPLES OF SUBQUERIES IN VARIOUS CLAUSES.
- DEVELOP TRAINING MATERIALS FOR VIEWS AND CTES.
- CREATE REUSABLE VIEWS FOR COMMON QUERY PATTERNS.
- SCHEDULE A FOLLOW-UP SESSION TO REVIEW IMPLEMENTATIONS AND ADDRESS CHALLENGES.

NEXT MEETING

SCHEDULED FOR 20/05/2024 FROM 11:30 AM TO 1:00 PM AND 2:00 PM TO 3:40 PM.