

Meeting Minutes - DAY 12

Meeting Topic	Date	Time
Optimizing Query Performance: Understanding EXPLAIN Output in MySQL	09/05/2024	11:30 AM to 1:00 PM
Company	Location	Mode
FUTURENSE	Jain University - SET	Online: Via Zoom

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

- REVIEWING PREVIOUS ASSIGNED TASKS (DISCUSSION 8 AND 3).
- EXPLAINING THE 'EXPLAIN' COMMAND IN MYSQL.
- DISCUSSING DIFFERENT TYPES OF SELECT STATEMENTS (SIMPLE, PRIMARY, SUBQUERY).
- EXPLORING COMPONENTS OF THE 'EXPLAIN' STATEMENT AND QUERY OPTIMIZATION TECHNIQUES.

DISCUSSION

- REVIEWING THE COMPLETION STATUS OF PREVIOUS TASKS (QUESTION 2 AND 3).
- PROVIDING A COMPREHENSIVE UNDERSTANDING OF THE 'EXPLAIN' COMMAND IN MYSQL.
- DISTINGUISHING BETWEEN DIFFERENT TYPES OF SELECT STATEMENTS (SIMPLE, PRIMARY, SUBQUERY).
- ENGAGING IN DISCUSSIONS REGARDING DELETION IN MYSQL AND JOINT STATEMENTS.
- EXPLORING INTRICATE ASPECTS OF COMPLEX QUERIES ENCOMPASSING MULTIPLE ROWS AND TABLES, ALONG WITH AN EXAMINATION OF OPTIMIZATION TECHNIQUES USING THE 'EXPLAIN' STATEMENT.

DECISION

- COMMITMENT TO UNDERSTANDING AND MASTERING THE 'EXPLAIN' STATEMENT.
- AGREEMENT TO COMPLETE PENDING ASSIGNMENTS.
- PLAN TO PREPARE FOR THE NEXT SESSION SCHEDULED OFFLINE ON 13/05/2024 BASED ON EXPLAIN STATEMENT.
- ALLOTMENT OF MARKS FOR WORK DONE UP TO DATE BY THE END OF THE WEEK

ASSIGNMENTS

ACTION ITEMS

- DIVE DEEPER INTO THE COMPONENTS OF THE 'EXPLAIN' STATEMENT.
- LEARN TO WRITE OPTIMIZED QUERIES.
- COMPLETE ALL PENDING ASSIGNMENTS.
- PREPARE FOR THE OFFLINE SESSION ON 13/05/2024.
- STUDY SUBQUERIES AFTER MASTERING THE 'EXPLAIN' STATEMENT.
- SETTING DEADLINES FOR COMPLETING LIVE SQL QUERY TASKS
- ESTABLISHING A PLAN FOR REGULAR PROGRESS UPDATES AND FEEDBACK SESSIONS
- VISUAL REPRESENTATION OF PIE CHARTS OF JOIN
- ASSESSING THE IMPACT OF IMPLEMENTED SOLUTIONS ON PERFORMANCE

- FURTHER EXPLORATION INTO THE COMPONENTS OF THE 'EXPLAIN' STATEMENT.
- PRACTICE WRITING OPTIMIZED QUERIES.
- COMPLETE ALL PENDING ASSIGNMENTS.
- STUDY SUBQUERIES AFTER MASTERING THE 'EXPLAIN' STATEMENT.
- KEEP THE TRACKER UPDATED BEFORE THE NEXT SESSION.

NEXT MEETING

SCHEDULED FOR 13/05/2024 FROM 11:30 AM TO 1:00 PM AND 2:00 PM TO 3:40 PM.