

# Minutes

Meeting title: Internship Day 12

Date + Time:	May 9,2024, 11:30 am
Location:	Jain University, Room-102

<b>Attendees:</b>  Mr. Akash Das  Futureense Technologies,  CSE- AIDE: Sem IV Students	<b>Agenda</b>  Understanding EXPLAIN Output: Analyze EXPLAIN output columns like select_type, table, and type to optimize SQL query performance.  Studying Subqueries: Explore various types of subqueries (e.g., scalar, correlated) to understand their syntax and usage.
<b>Solution</b>  <a href="https://github.com/arj1-1n/internship-phase-2/tree/main/09.05.24">https://github.com/arj1-1n/internship-phase-2/tree/main/09.05.24</a>	
<b>Training objectives</b>	<b>Key takeaways</b>
<ul style="list-style-type: none"><li>• Understanding EXPLAIN Output: Gain proficiency in interpreting EXPLAIN output to identify query execution patterns, access types, and optimization opportunities.</li><li>• Studying Subqueries: Develop a comprehensive understanding of different types of subqueries (e.g., scalar, correlated) and their syntax in SQL.</li></ul>	<ol style="list-style-type: none"><li>1. Optimizing Queries with EXPLAIN:<ul style="list-style-type: none"><li>◦ Ability to interpret EXPLAIN output to identify performance bottlenecks in SQL queries.</li><li>◦ Understanding of index usage, join types, and access methods for query optimization.</li></ul></li><li>2. Effective Use of Subqueries:<ul style="list-style-type: none"><li>◦ Knowledge of subquery execution order and optimization techniques for efficient query design.</li></ul></li></ol>
<b>Resource links and materials</b>	
N/A	