Mindluster Platform

About the course Data warehouse fundamentals with examples

Data warehouse fundamentals , in this course provides an introduction to the key concepts of data warehousing. You will learn about the structure, purpose, and design of data warehouses, focusing on how they help organizations store, manage, and analyze large amounts of data. The course covers essential topics such as ETL (Extract, Transform, Load) processes, dimensional modeling, and the difference between OLTP (Online Transaction Processing) and OLAP (Online Analytical Processing). You'll explore best practices for building and managing data warehouses, including designing schemas (star and snowflake) and integrating data from multiple sources. Practical examples and case studies will help reinforce these concepts, providing you with the skills needed to design and implement effective data warehouse solutions for data analysis, reporting, and business intelligence. By the end of the course, you'll have a solid understanding of how data warehousing plays a crucial role in decision-making processes within organizations.

Computer Science Category's Courses

Course Lesson(10)

Lesson 1 : **Introduction to Data Warehouse with Examples**

Lesson 2 : **ETL Extract Transform Load Data Aggregation Data Warehouse Mining**

Lesson 3 : **Data Extraction Challenges and Complexity**

Lesson 4 : **What is Star Schema Schema for Multi Dimensional Data Model Data Warehouse**

Lesson 5 : **Snowflake Schema in Data Warehouse Schema for Multi Dimensional Data Model**

Lesson 6 : **Introduction to OLTP Online Transaction Processing**

Lesson 7 : **OLAP vs OLTP Difference between OLAP vs OLTP with Real Life Examples**

Lesson 8 : **OLAP vs OLTP shorts data ytshorts education**

Lesson 9 : **Normalization in Data Transformation Min Max Z score Techniques with example**

Lesson 10 : **Introduction to Data Discretization with example**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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