Mindluster Platform

# About the course Building Data Lakehouse architecture

Building Data Lakehouse course, in this course dives into the intricacies of designing and constructing a unified data architecture combining the best features of Data Warehouses and Data Lakes. Throughout this course, participants will gain insights into the fundamental principles, methodologies, and tools required to build and deploy a robust Data Lakehouse infrastructure. From understanding the architectural components to implementing data ingestion, transformation, and analysis processes, learners will explore the entire lifecycle of Data Lakehouse development. Moreover, this course delves into crucial aspects such as data governance, security, and performance optimization, ensuring that participants acquire a holistic understanding of building and maintaining a Data Lakehouse environment. Whether you're a data engineer, architect, or analyst, this course equips you with the knowledge and skills needed to harness the full potential of Data Lakehouse architecture in driving data-driven insights and decision-making within your organization.

**Computer Science Category's Courses**

# Course Lesson(6)

Lesson 1 : **What is a Database**

Lesson 2 : **What is a Data Warehouse**

Lesson 3 : **Data Lakehouses Explained**

Lesson 4 : **Relational vs Non Relational Databases**

Lesson 5 : **What is DBaaS Should you use it**

Lesson 6 : **Why a Data Lakehouse Architecture**

# Related courses

**Linear Algebra for Computer Scientists**

**Insertion Sort**

**Bubble Sort**

**GCSE Computer Science**

**Random Access Memory**

**Binary Trees**

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