JOHN O'BRIEN

THE DATA LAKEHOUSE APPROACH TO MODERN DATA ARCHITECTURE

ONLINE LIVE STREAMING

APRIL 3, 2023

DUE TO TIME ZONES, THIS CLASS WILL TAKE PLACE IN THE AFTERNOON
FROM 2 PM TO 6 PM ITALIAN TIME

ABOUT THIS SEMINAR

When does a Data Lake make a good Data Warehouse or vice versa? We will explore how the Data Lakehouse has been evolving for years and explain how to evaluate this latest pattern in modern Architecture for your data strategy and Architecture Roadmap.

The Data Lakehouse leverages a Cloud-native Architecture with open data standards. It evolves how we approach enterprise Data Management to meet the growing demands in enterprise Analytics and Data Management. There are many factors to consider whether the Data Lakehouse is the "open data Architecture" approach to consider adopting. Each company's journey must factor in its vendor ecosystems, open-source projects, technology maturity, and own data strategy.

Main Topics

• The Data Lakehouse principles and components
• Benefits of having a Data Lakehouse
• Challenges with a Data Lakehouse Architecture
• How to evaluate your data Architecture needs
• Data Lakehouse technologies, vendors, and open-source options

Who Should Attend

• Data Leaders
• CIOs
• CDOs
• Data Architects
• Data Technologists

OUTLINE

1. Evolution to Modern Data Architecture

- Data Architect dilemma, principles, and relationships
- Centralized vs Integrated Bus Data Architectures
- Introduction Big Data and Hadoop
- Modern Data Architecture

2. Defining the Data Lakehouse

- Understanding Apache Spark
- Data Lakehouse and ACID characteristics
- Evolution of the semantic access layer
- Data Lakehouse features and options

3. Modern Data Architecture Principles

- Understanding polyglot persistence
- Enterprise Analytics Framework
- Data workloads and Data Lakes

4. The future of Data Lakehouse in the Cloud

- The Amazon AWS and Azure approach
- The Cloudera and Apache approach
- The Snowflake non-data Lakehouse
- Checklist for your data Lakehouse

SPEAKER

John O'Brien With 30 years of experience delivering value through data strategy, architectures, and analytics John has a unique perspective that comes from key roles as a practitioner, consultant, and vendor CTO in the data analytics industry. As a recognized thought leader, he has been publishing articles, teaching, and presenting at conferences in North America and Europe for more than 15 years.

His knowledge in designing, building, and growing enterprise data systems and teams brings real-world insights to each role and phase within a data program.

John provides research, strategic advisory services, and mentoring to guide companies in meeting the demands of next-generation data management, architecture, analytics, and emerging technologies.

INFORMATION

PARTICIPATION FEE

€ 350
The fee includes all seminar documentation.

SEMINAR TIMETABLE

2.00 pm - 6.00 pm (Italian time)

HOW TO REGISTER

You must send the registration form with the receipt of the payment to:
info@technologytransfer.it

TECHNOLOGY TRANSFER S.r.l.
Piazza Cavour, 3 - 00193 Rome (Italy)
Fax +39-06-6871102

PAYMENT

Wire transfer to:
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BIC/SWIFT: CRPPIT2P546

GENERAL CONDITIONS

DISCOUNT

The participants who will register 30 days before the seminar are entitled to a 5% discount.

If a company registers 5 participants to the same seminar, it will pay only for 4.

Those who benefit of this discount are not entitled to other discounts for the same seminar.

CANCELLATION POLICY

A full refund is given for any cancellation received more than 15 days before the seminar starts. Cancellations less than 15 days prior the event are liable for 50% of the fee. Cancellations less than one week prior to the event date will be liable for the full fee.

CANCELLATION LIABILITY

In the case of cancellation of an event for any reason, Technology Transfer's liability is limited to the return of the registration fee only.

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April 3, 2023

Registration fee:
€ 350

If registered participants are unable to attend, or in case of cancellation of the seminar, the general conditions mentioned before are applicable.

first name ....

surname ....

job title ....

organisation ....

address ....

postcode ....

city ....

country ....

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Stamp and signature

*Send your registration form
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