

TECHNOLOGY TRANSFER PRESENTS

MIKE FERGUSON

DATA AI-ASSISTED

ACTIVE DATA GOVERNANCE

ONLINE LIVE STREAMING

DECEMBER 13, 2024

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



info@technologytransfer.it
www.technologytransfer.it

ABOUT THIS SEMINAR

For most companies today, Data Governance is now very high priority not just to remain compliant with legal and regulatory obligations but also to create a high quality, secure data foundation of reusable data products to underpin data and AI initiatives that are now happening across almost every department in the enterprise. With data and AI now strategic in the boardroom, Data Governance has become so important that companies classified as 'leaders' now regard it as a strength that gives them commercial advantage and not just an initiative that enables them to remain compliant with legislation like GDPR.

However, as more data is created and new data sources continue to appear, the challenge of manually understanding all data relationships and manually governing data is becoming incredibly difficult and bordering on almost impossible.

Given this increasingly difficult challenge, companies are looking for a more automated way to deal with Data Governance. To do this requires taking Data Governance to a new level by introducing active, AI-driven Data Governance.

This half-day class looks at how you can implement AI-driven active Data Governance by breaking the Data Governance problem down into a series of steps that need to be implemented and looks how to take advantage of emerging AI-driven Data Governance platforms to implement this.

The class will cover:

- Data Governance disciplines including data quality, data privacy, data access security, data sharing, data retention, and data usage
- Current problems with Data Governance today
- Requirements to dramatically improve Data Governance using AI and automation
- The need for an integrated Data Governance platform, augmentation and AI-automation
- Establishing Data Governance health metrics to measure effectiveness of your governance program
- Understanding the core AI-assisted Data Governance services you need
- Creating a Data Governance Action Framework for your enterprise
- Data Governance observability – monitoring the health of your data
- AI-Assisted Data Governance action automation
- Implementing AI-assisted governance of different Data Governance disciplines

AUDIENCE

CDOs, CIO's, Heads of Data Governance, CISOs, Business Analysts, Data Scientists, BI Managers, Data Warehousing Professionals, Data Architects, Solution Architects, Data Strategists, Database Administrators, IT Consultants

OUTLINE

1. Manual Data Governance and why a Data Catalog is not enough

This module looks at where most companies are in terms of implementing Data Governance. It looks at how the Data Governance challenge has grown way beyond data quality to now encompass multiple different governance disciplines. It also looks at the approach many companies have been taking to tackle this challenge across an increasingly complex hybrid, multi-Cloud distributed data environment and why it is no longer practical to expect people to do everything manually. It also looks at the fractured approach people are taking with best of breed tools and highlights the problems this is causing and why just having a Data Catalog is no longer enough.

- Data Governance – Where are we?
- Beyond Data Quality to multi-disciplinary Data Governance
- Data Quality
- Data Privacy
- Data access security
- Data Retention
- Data Sharing
- Data Usage
- Problems caused by a fractured approach to Data Governance using multiple best of breed tools
- Why a Data Catalog is not enough

2. Requirements for Active Data Governance 2.0

Having identified the issues with current Data Governance approaches, this module looks at requirements to tackle this problem going forward in terms of people, process, technologies, policies and capabilities and what we need to change from manual Data Governance to AI-driven active Data Governance automation.

- Data Governance roles and groups
- Data Governance health metrics to measure the health of your data, how it's processed, protected and used
- Foundational active Data Governance services
 - o Data Catalog Business Glossary
 - o Data source discovery scanners

- o Data Catalog data map and data relationship knowledge graph
- o Data Governance classifiers
- o Generative AI for automated metadata enrichment
- o Data Governance policies
- Active Data Governance discipline applications and health metrics e.g.
 - o Active data cataloguing
 - o Active data classification
 - o Active data quality
 - o Active data privacy
 - o Active data access security
 - o Active data retention
 - o Active data usage
- Data Governance action framework
 - o Data Governance action services
 - Data Governance observability monitoring service to detect incidents
 - Data Governance verification service to check that governance and data curation activities have occurred
 - Data Governance situation evaluation service to determine actions
 - Data Governance rectification service to rectify metadata
 - Data Governance action invocation service
 - o Data Governance events to be monitored
 - o Data Governance incidents that can be detected
 - o AI-models for Data Governance alerting, recommendation, action and task automation
 - o Actions to be performed on an item e.g. on a data source, a business term, a data asset, a policy, a data product
 - o Data Governance action processes and task inbox
- A unified Data Governance technology platform

3. Implementing AI-Driven Active Data Governance

This module looks at how companies can implement AI-driven Active Data Governance to govern data quality, data privacy, data access security, data sharing, data retention and data usage.

- Technology advances to help implement AI-assisted Active Data Governance
- Implementing AI-assisted active governance of data quality
- Implementing AI-assisted active governance of data access security
- Implementing AI-assisted active governance of data privacy
- Implementing AI-assisted active governance of data sharing
- Implementing AI-assisted active governance of data retention
- Implementing AI-assisted active governance of data usage

SPEAKER

Mike Ferguson is Managing Director of Intelligent Business Strategies Limited. As an analyst and consultant he specialises in Business Intelligence and Enterprise Business Integration. With over 39 years of IT experience, he has consulted for dozens of companies on Business Intelligence Strategy, technology selection, enterprise architecture, and data management.

He has spoken at events all over the world and written numerous articles. Formerly he was a principal and co-founder of Codd and Date Europe Limited – the inventors of the Relational Model, a Chief Architect at Teradata on the Teradata DBMS and European Managing Director of Database Associates.

He teaches popular master classes in Operational Business Intelligence, New Technologies in DW and BI for the Agile Enterprise, Big Data Multi-Platform Analytics, Master Data Management and Enterprise Data Governance

INFORMATION

PARTICIPATION FEE

€ 400

The fee includes all seminar documentation.

SEMINAR TIMETABLE

2.00 pm - 6.00 pm

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)

PAYMENT

Wire transfer to:
Technology Transfer S.r.l.
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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.

MIKE FERGUSON

AI-Assisted
Active Data Governance

December 13, 2024

Registration fee:
€ 400

first name

surname

job title

organisation

address

postcode

city

country

telephone

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e-mail



Stamp and signature

Send your registration form with the receipt of the payment to:
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If anyone registered is unable to attend, or in case of cancellation of the seminar, the general conditions mentioned before are applicable.