

Challenging your Data

WHO SHOULD ATTEND?

Chief Financial Officers – Controllers – Internal Auditors – Treasurers – Chartered Accountants, External Auditors – Bankers, Account Managers – Financial Analysts

Prerequisites: *No necessary requisites: however to better benefit from this module, it is useful to have followed the entire Data Analytics training courses (pages 57 to 61).*

OBJECTIVES

- 】 Know how to challenge your data
- 】 Be able to improve your data model performance
- 】 Learn how to contribute to a continuous improvement process

WHY SHOULD YOU ATTEND?

- 】 According to Data analytics experts, knowing how to challenge the data is the most critical skill organizations are currently lacking.

In one day, this training gives you insights and basics keys to what will become crucial in the future, especially in finance.

DETAIL CONTENT

】 Data and business model

- Are the data used those needed to monitor my business?
- Filling the gap between strategy, operational levers and value creation
- Simulation: based on what-if scenarios on your business model, how fundamental variables are impacted?

】 Data reliability and relevance

- Data sources, ways of collect, providers
- Updating your model using real data and learning loops (machine learning)
- Level of confidence versus data volume and variables (overfitting)
- Using fan chart to communicate your results or forecasts with confidence intervals

】 Interpreting your results

- The importance of taking the right decision based on data
- The Simson paradox (confusion factor)
- Difference between correlation and cause-effect

】 Data model performance and improvement loop

- Assessment metrics, true and false positive (negative) outcome
- Gain/Effort matrix
- Visual representation of data model performance (ROC Curve)
- Expected outcome and risk aversion

INSTRUCTIONAL APPROACH AND LEARNING ASSESSMENT

- **During the session:** alternating theoretical developments and illustrations drawn from real-life situations. Case studies and interactive quizzes ensure knowledge acquisition throughout the training.
- **After the session:** the trainer is available to answer any follow-up questions participants may have.

DURATION: 1 DAY

DATES*: 14/06/24
19/12/24

PRICE EXCL. VAT: 1 240 €

(*) Delivery method: face-to-face, subject to change according to your requests and/or health conditions.

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