

# TRAINING SPRINTS

## ARTIFICIAL INTELLIGENCE

### SHRINKING BIG DATA

<b>LECTURER</b>	Gregory Gadzinski
<b>LENGTH</b>	3h
<b>LEARNING GOAL</b>	Learn how to properly use and analyze Big Data
<b>PS FRAMEWORK</b>	Choice Architecture / Toolbox
<b>CPD ACCREDITED</b>	Yes (3 credits)
<b>LANGUAGE</b>	English (on-demand in French)
<b>BENEFICIAL FOR</b>	CIOs, investment committee members, fund managers, risk and performance analysts, quants
<b>SPRINT STRUCTURE</b>	90min input + 90min deliberate practice, reflection and implementation planning
<b>FORMAT</b>	Online (Zoom or Awarenow)
<b>COSTS</b>	EUR 250 per participant
<b>MINIMUM SIZE</b>	5 participants

JUNE 30<sup>th</sup>, 2021 / 10 - 13 AM CET /

### DESCRIPTION

The vast proliferation of data and increasing technological advances continue to transform the way industries operate and compete. Financial companies, in particular, have adopted big data analytics to gain further insights on their environment and eventually make better investment decisions.

This seminar introduces common big data tools and show how to use them in order to handle big datasets.

### PROGRAM

#### PART ONE

##### BEST PRACTICES (90min)

- What is Big Data
- Big Data versus small data : the curse of dimensionality
- Mummy, I shrank a big model
- Principal Component Analysis and Partial Correlations in Networks
- Text Mining : shrinking speeches

##### BREAK (10min)

#### PART TWO

##### DELIBERATE PRACTICE (60min)

Participants will learn how to properly use and analyze Big Data.

##### LESSONS LEARNED (10min)

##### NEXT STEPS (5min)

##### FEEDBACK FORM (5min)