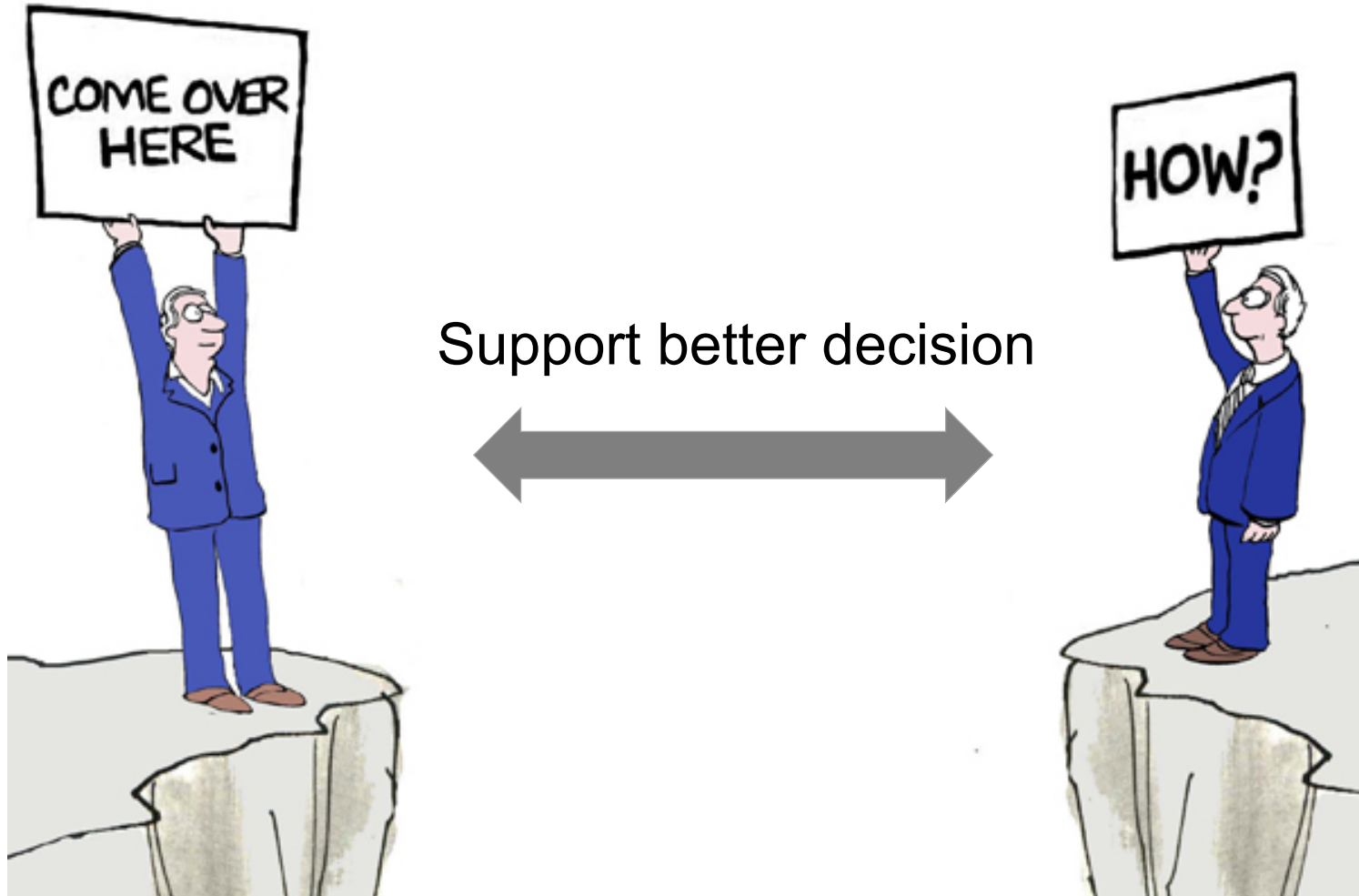


WHAT ARE THE BENEFITS OF ACQUIRING DATA SCIENCE SKILLS?...FOR A BUSINESS PROFESSIONAL!

AMLD 2020 – Track AI & Skills – Frédéric Baffou

JANUARY 29TH, 2020

When business professionals and data experts try to collaborate...



Sources: public sources and www.glastergen.com

Are there data to back-up my idea?

Decision makers' perspective...

... Challenges faced by data professionals

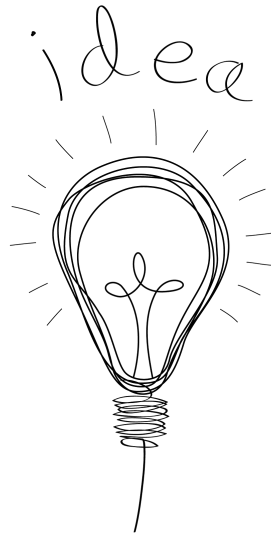
77,1%

Business adoption of Big Data and AI initiatives remains a major challenge (due to people & process)

92%

Driven by positive objective: transformation, agility, or competition

Source: Harvard Business Review – NVP Big Data and AI Executive Survey 2019 (65 Fortune 1000 or industry leading firms)



87,1%

Need for better business & data expertise integration/coordination

57,2%

Lack of Data Science skills in the organization

Kaggle 2017 The State of Data Science & Machine Learning study (10153 respondents)



The thinking process

Inspiration,
idea,
feeling...

Band



Unique...
Experience

The alchemy



Notes



Instruments



Music score

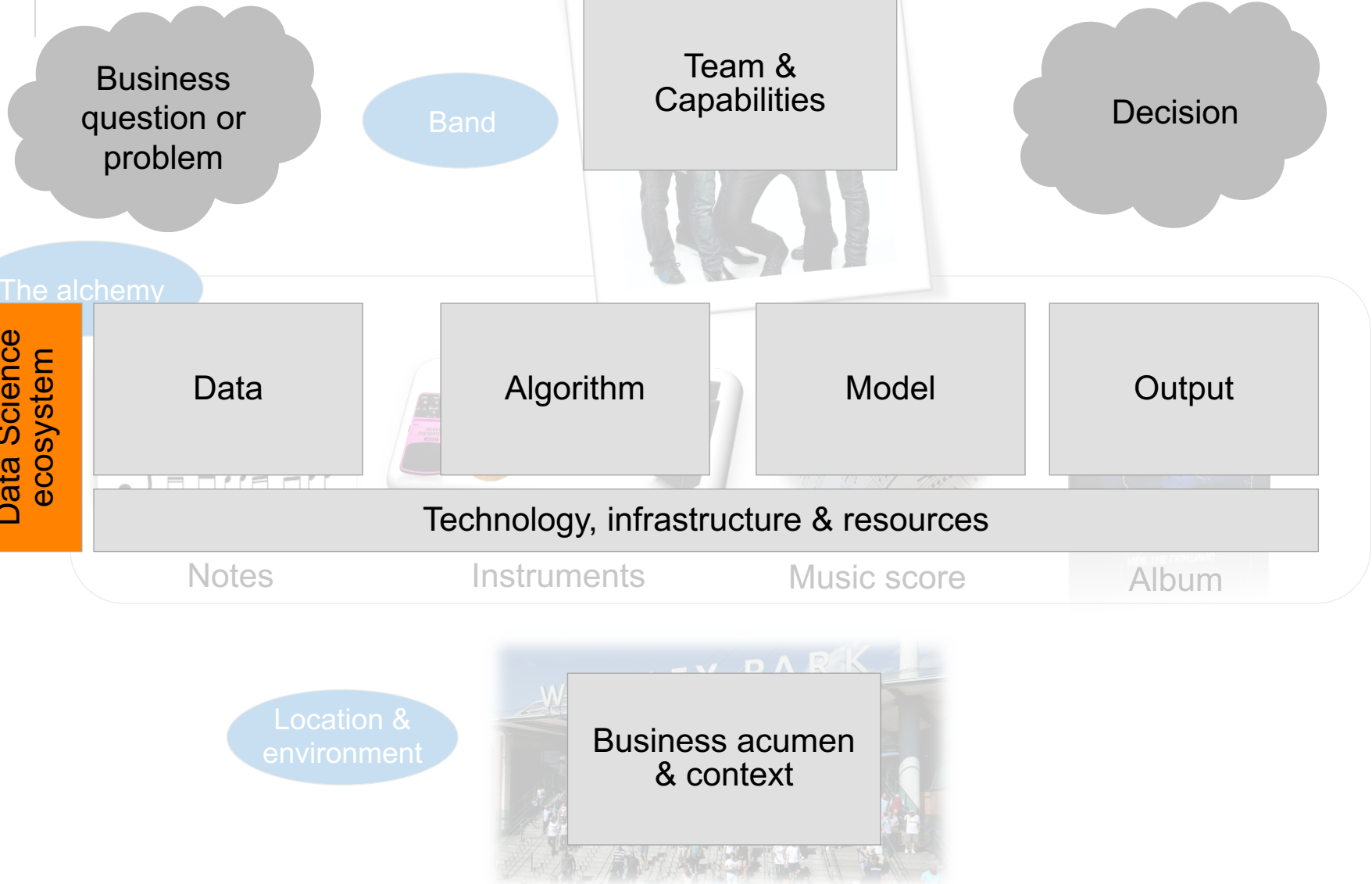


Album

Location &
environment



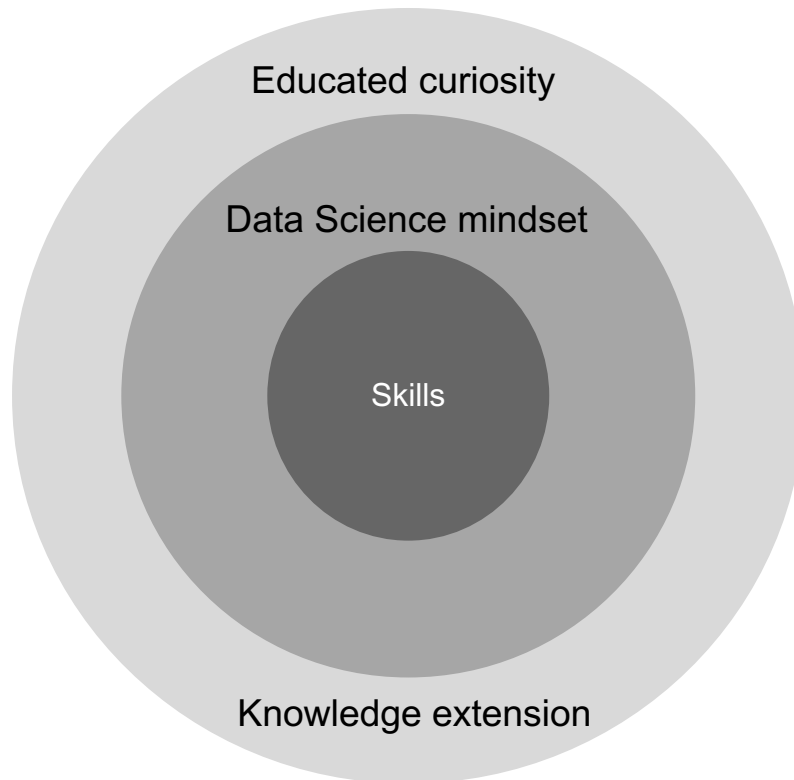
The thinking process



A journey beyond the program

Applied Data Science: Machine Learning

- Python programming
- 4 modules (theory & practice)
- Validation, teaching, coaching
- Capstone project



A great team



Prof. Marcel Salathé
Academic Director



Laura Downhower
Executive Director



Fred Ouwehand
Senior Course Developer and Instructor

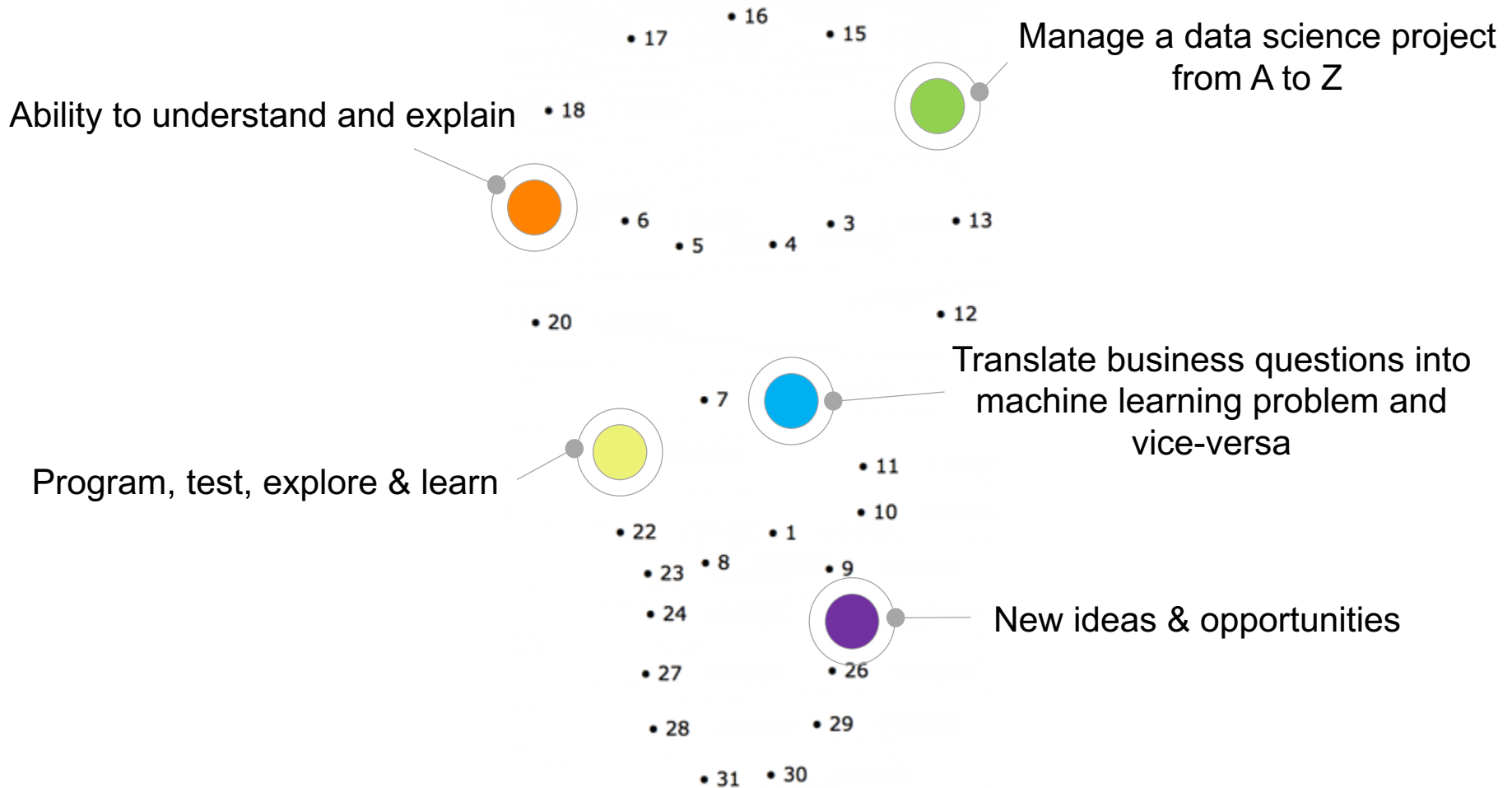


Christian Luebbe
Course Developer and Instructor

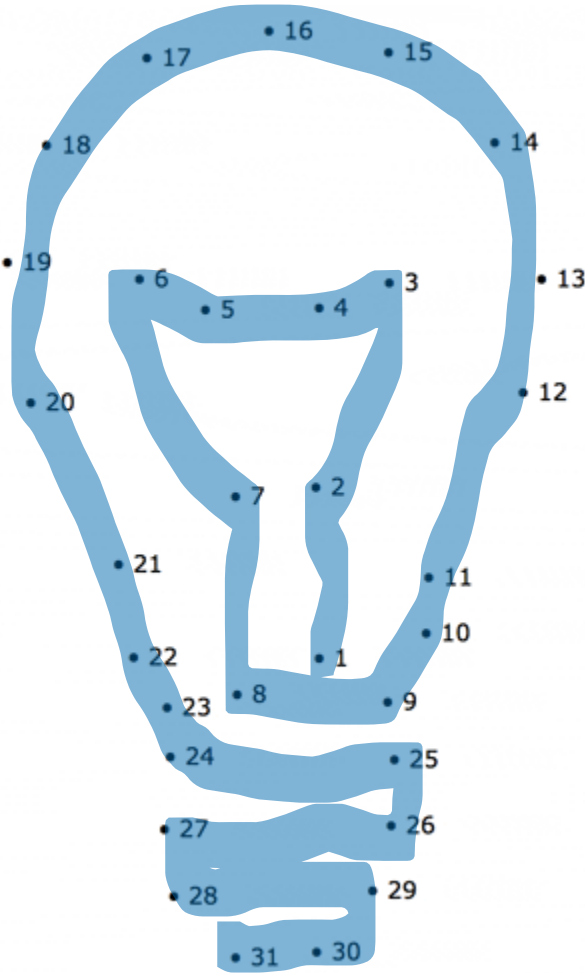


Panagiota Xydi
Course Developer and Instructor

What are the benefits?



My takeaway



Confidence, trust & credibility

Thank You!



Frédéric Baffou

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Machine Learning project portfolio:

<https://github.com/FBMLCo>



CONNECT
THE DOTS