

MASTER

BUSINESS ENGINEERING

02/04/2026

MAIN SUBJECTS

- Operations management
- Finance
- Data analytics

OPERATIONS MANAGEMENT

FINANCE

WHO NEEDS FINANCIAL ENGINEERS?



M&A Partner - Corporate Finance regio Gent

Michael Page

Ghent, Flemish Region, Belgium (On-site)

Actively recruiting



Financial Risk Analyst

NN

Brussels Metropolitan Area (Hybrid)

27 alumni work here



Financial Controller (m/v)

Sioen Industries

Ardoonie, Flemish Region, Belgium (On-site)

7 company alumni work here



Capabilities & Insights Analyst – Bank

Insurance

McKinsey & Company

Brussels, Brussels Region, Belgium

66 alumni work here

EVERYONE!



Risk Engineer

FEDERALE Assurance-Verzekering

Brussels, Brussels Region, Belgium (On-site)

22 alumni work here

Professional - EMEIA



Finance Business Process Coordinator

DEME Group

Zwijndrecht, Flemish Region, Belgium (On-site)

20 company alumni work here



Financial Analyst.

Johnson & Johnson

Antwerp, Flemish Region, Belgium (On-site)

107 company alumni work here



Liquidity Risk Analyst

KBC Bank & Verzekering

Brussels, Brussels Region, Belgium (On-site)

689 alumni work here



Senior Consultant Corporate Finance - M&A

Advisory

Deloitte

Brussels, Brussels Region, Belgium (Hybrid)

WHY?

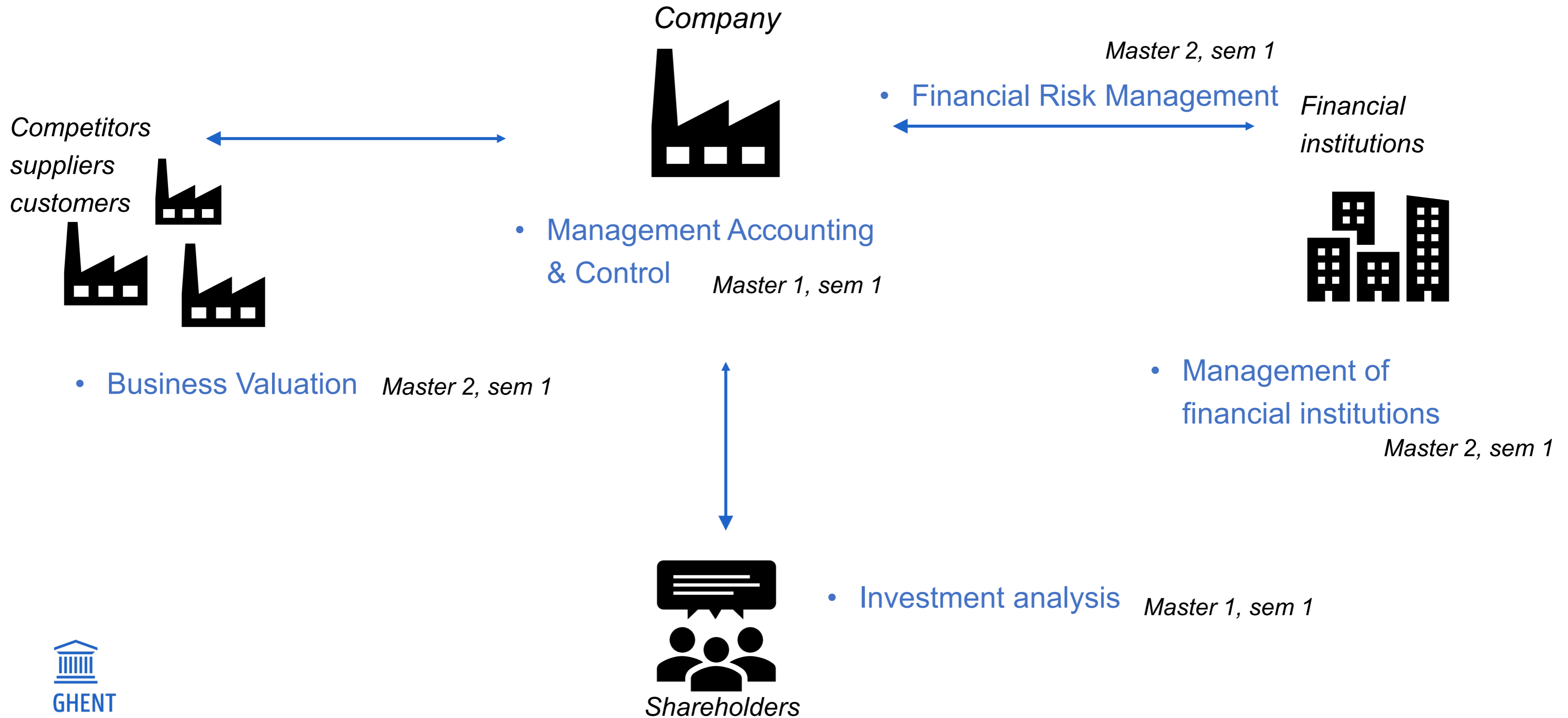
“A business engineer with specialization in finance is a specialist in planning, modelling, interpreting, integrating, and managing the flow of financial information within and between organizations.”

This financial knowledge + business engineer’s analytical skills

- ➔ key for financial decision making!
- ➔ highly desired business profile!

HOW?

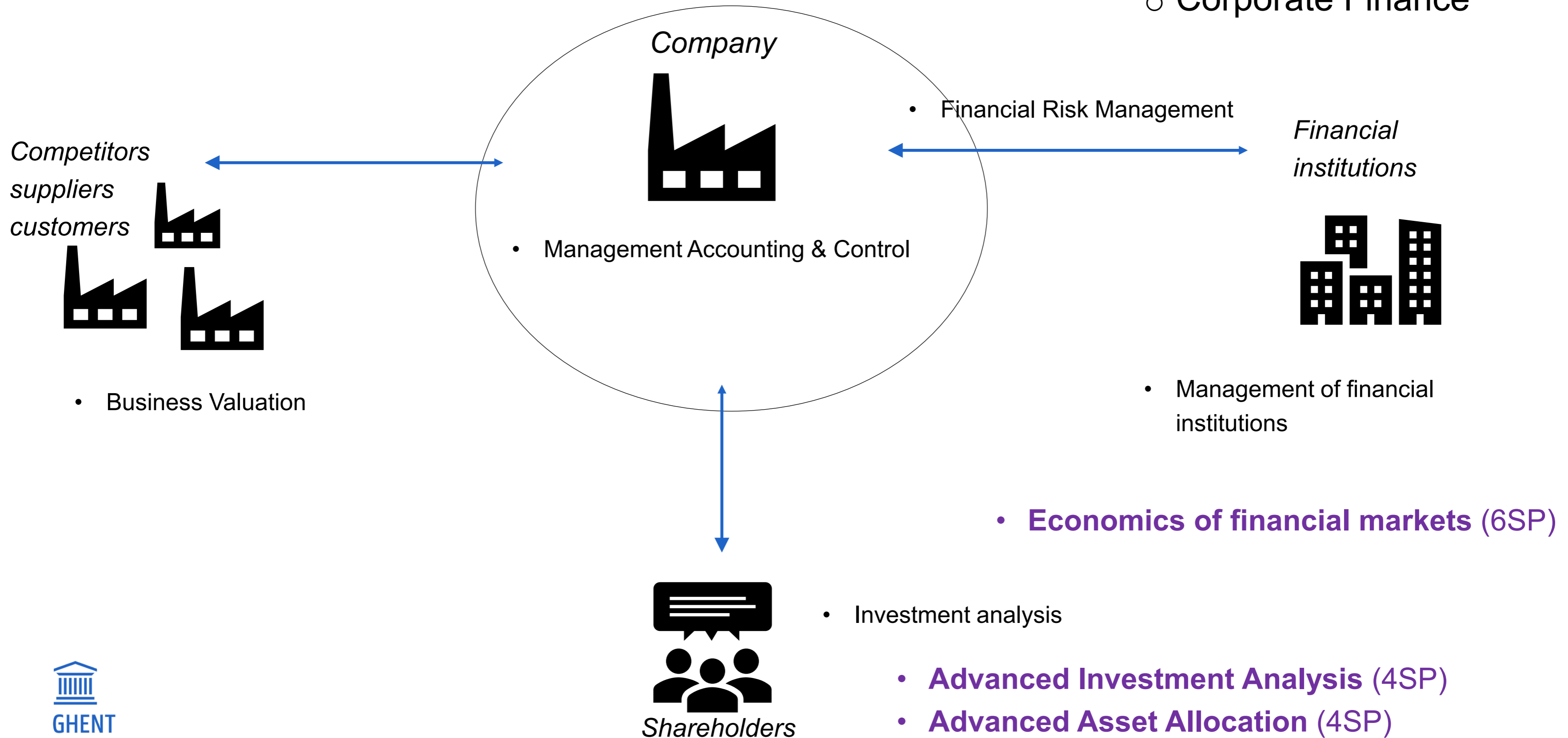
CORE FINANCE PROGRAM



HOW?

SPECIALIZATION (14 pt)

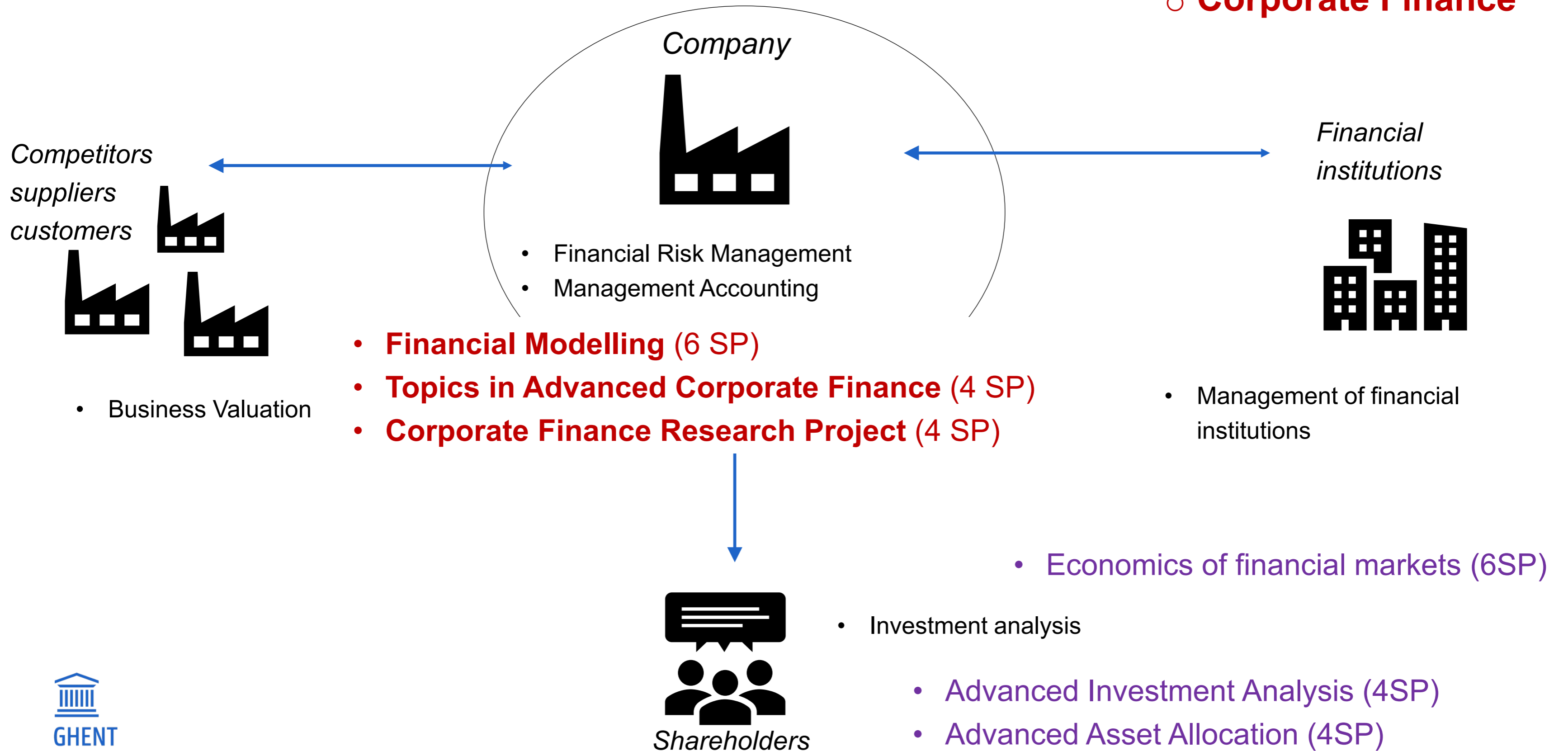
- Financial Markets
- Corporate Finance



HOW?

SPECIALIZATION (14 pt)

- Financial Markets
- **Corporate Finance**



CAREER PERSPECTIVES

Financial sector

- Asset management / broker (bank, insurance, hedge fund)
- Financial/risk analyst
- Credit manager / management trainee

Corporations

- Financial management, treasury, CFO

Consulting (BCG, Bain, KPMG, Accenture, EY...)

- Deal making
- Corporate finance

Research

- Applied research (pricing analyst, forecasting)
- Academic research (PhD)

DATA ANALYTICS

BUSINESS ENGINEERING: DATA ANALYTICS



Prof. Dr. Dries Benoit

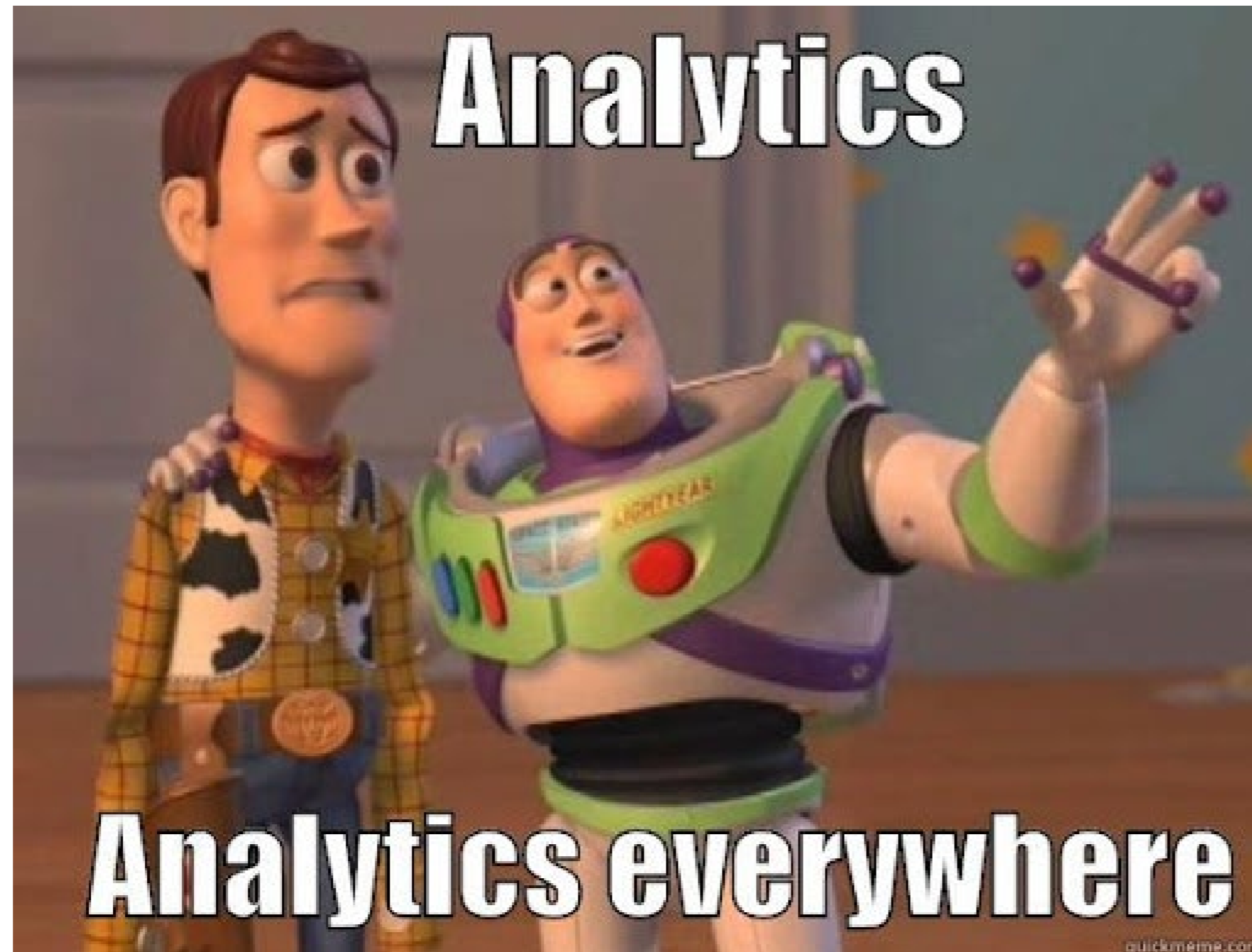


Prof. Dr. Matthias Bogaert



Prof. Dr. Dirk Van den Poel

ANALYTICS IS EVERYWHERE



IMPORTANCE FOR BUSINESS

SPOTLIGHT ON BIG DATA

Spotlight

ARTWORK Tamar Cohen, Andrew J. Buboltz
2011, silk screen on a page from a high school
yearbook, 8.5" x 12"

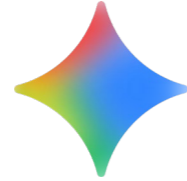
Data Scientist: *The Sexiest Job of the 21st Century*

**Meet the people who
can coax treasure out of
messy, unstructured data.**
by Thomas H. Davenport
and D.J. Patil

70 Harvard Business Review October 2012



IMPORTANCE FOR BUSINESS



Here are the most useful MSc for business:

- **MSc in Business Analytics (MSBA):** Best for high demand and high salaries. Bridges the gap between technical data science and corporate strategy. Ideal for future-proofing your career.
- **MSc in Management (MiM):** Best for recent graduates (0-2 years experience) wanting a broad business foundation. Highly versatile and great for consulting or general management.
- **MSc in Finance (MiF):** Best for entering high finance, investment banking, or fintech. Offers some of the highest immediate starting salaries for quantitative roles.
- **MSc in Supply Chain Management:** Best for operations, logistics, and global trade. Offers immense job security as companies heavily invest in optimizing their supply chains.
- **MSc in Artificial Intelligence in Business / Tech Management:** Best for leading tech teams and managing digital transformation. Perfectly bridges the gap between engineering and the C-suite.



✓ So... which one is the MOST useful?

Based on **cross-source convergence** from Research.com, Lerna Courses, MasterGradSchools, Indeed, and others, the single strongest contender is:

🎯 MSc in Business Analytics (or MSc in Data Science for Business)

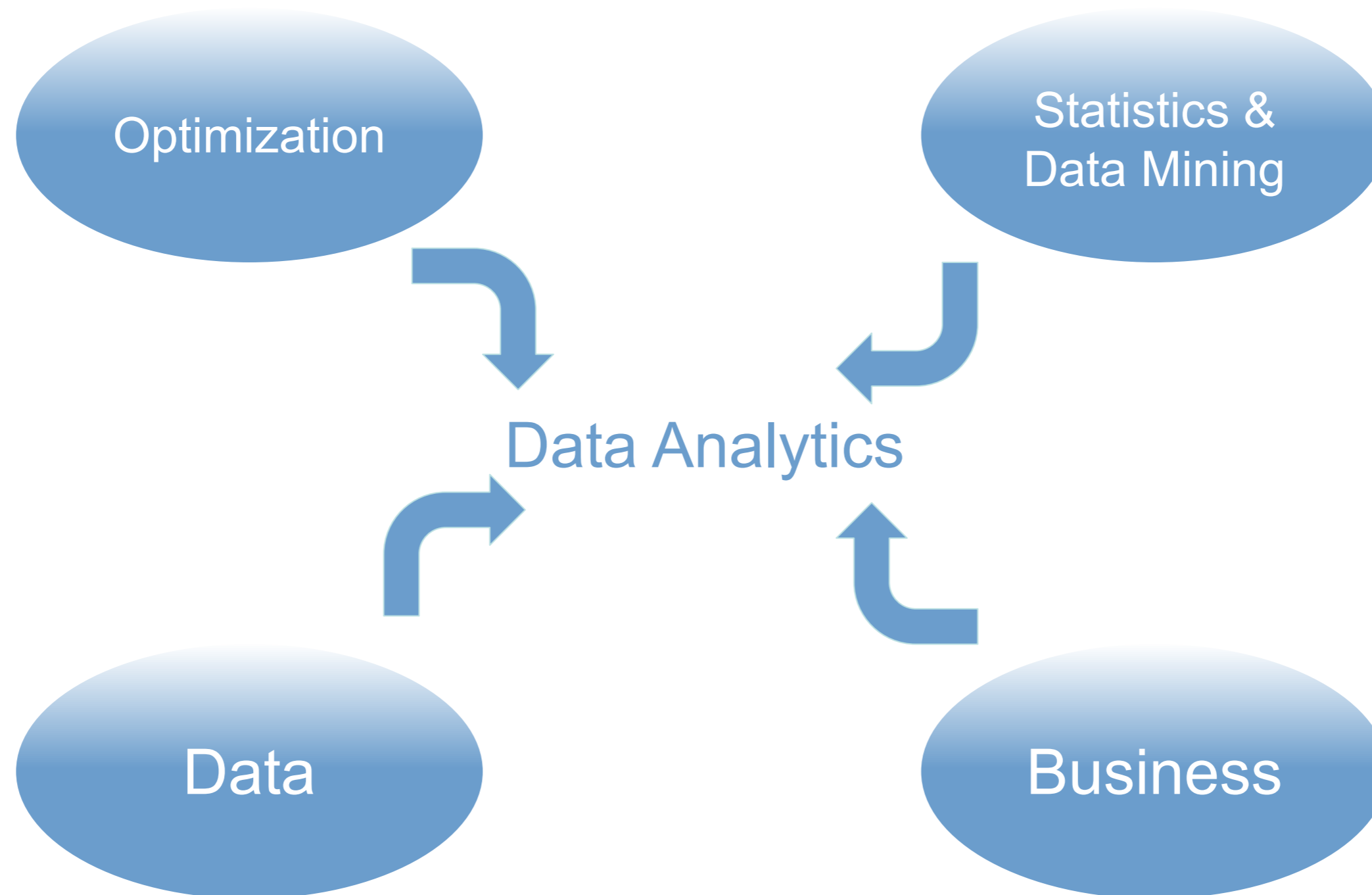
Because it combines:

- ✓ high employer demand
- ✓ cross-industry relevance
- ✓ high salaries
- ✓ alignment with AI-driven business transformation
- ✓ future-proof skillset

This program appears in the **#1 position** in almost all rankings for 2026 business-oriented master's degrees.

mastergradschools +1

BUSINESS ENGINEERING: DATA ANALYTICS



BUSINESS ENGINEERING: DATA ANALYTICS

- USP:
 - Business focus
 - Strong involvement of consulting companies
 - Hands-on

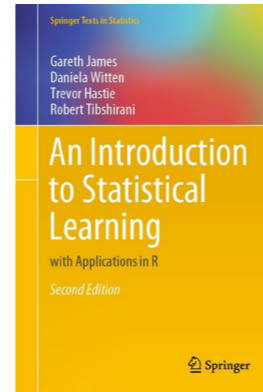
- Tools:



CURRICULUM: DATA ANALYTICS

- **1st Master**

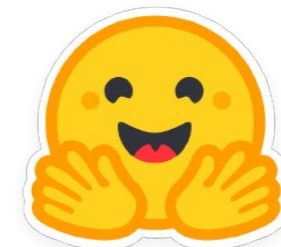
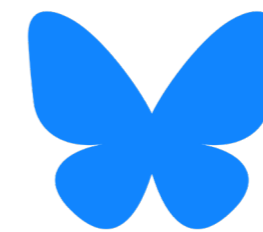
- Machine Learning



- Analytical CRM

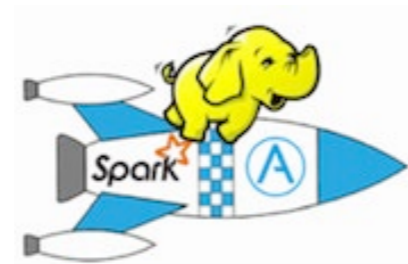


- Social Media and Web Analytics



- **2nd Master**

- Big Data



- Predictive and Prescriptive Analytics



CURRICULUM: DATA ANALYTICS

- We play competitions...
- In collaboration with companies...
- ... and organize events

Crunch, a Data & AI Agency
5.338 volgers
3 mnd · Bewerkt · 🌐

How can we bridge the gap between academic learning and real-world #retaildata challenges? 🤔

Yesterday, 90+ #UGent #MachineLearning students presented their work on a retail #Kaggle Prediction Challenge, putting their skills to the test on real-life #retail issues and showcasing their ability to translate data into actionable solutions.

A huge thank you to **Dries Benoit & Louis-Philippe Kerkhove** for guiding these students. Your expertise and mentorship make a lasting impact! 🙌

Here's to equipping the next generation of data scientists to solve tomorrow's challenges today! 🚀

#ML #AI #Retail #AdvancedAnalytics

Vertaling weergeven



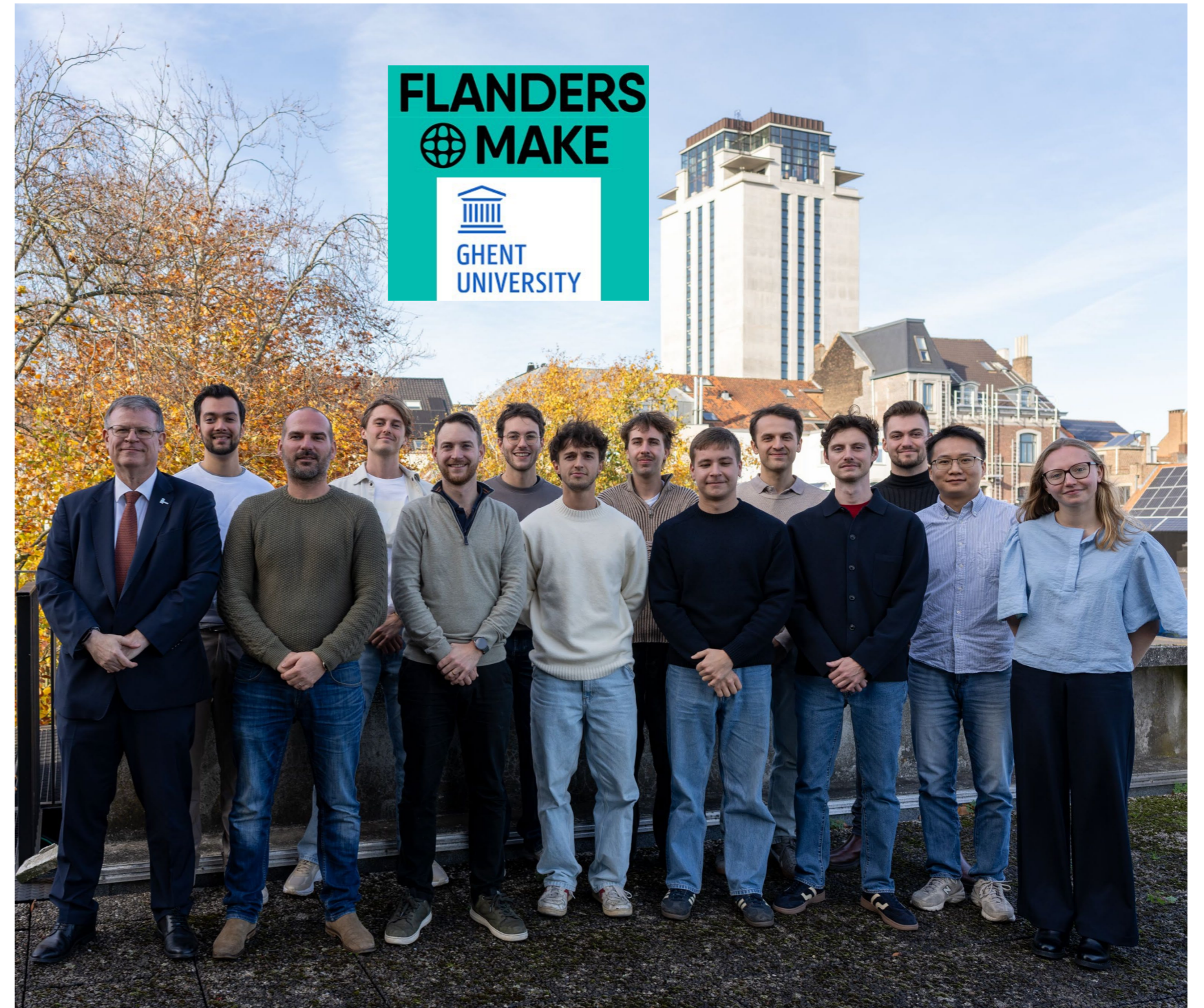
CURRICULUM: DATA ANALYTICS

- We do group assignment...
- In collaboration with unicorns...
- ... and organize events



GRADUATES: DATA ANALYTICS

- General consultancy
- Machine learning consultancy
- Innovative AI start-ups
- Banking and insurance
- Retailing
- Sports
- Government
- Academia
-



DATA ANALYTICS

- www.dataanalytics.UGent.be
- Contact us:
 - dries.benoit@UGent.be
 - matthias.bogaert@UGent.be
 - dirk.vandenpoel@UGent.be
- Video: <http://youtu.be/t02BBmuiOOU>

DOUBLE DEGREE

WHAT IS A DOUBLE DEGREE?

- Two degrees:
 - Ghent University degree
 - Degree of another university
- Duration: 2 years
 - 1 year at Ghent
 - 1 semester/year at the partner university
- Students pay the regular tuition fee at UGent
- Students can apply for a scholarship
- 5 places available

DOUBLE DEGREE WITH UNIVERSITY OF PORTO

- Awarded degrees:
 1. Master in Business Engineering - operations management (UGent)
 2. Master in Service Engineering and Management (University of Porto)
- Structure of the programme:
 1. Semester 1 at UGent
 2. Semester 2 at UGent
 3. Semester 3 at Porto
 4. Semester 4 at UGent
- Overview of the courses: https://www.ugent.be/eb/en/international/joint-and-double-degrees/double_degree_courses/porto-courses.htm

DOUBLE DEGREE WITH UNIVERSITY OF TARTU

- Awarded degrees:
 1. Master in Business Engineering (UGent)
 2. Master of Innovation and Technology Management (University of Tartu)
- Structure of the programme:
 1. Semester at Tartu
 2. Semester 2 at UGent
 3. Semester 3 at UGent
 4. Semester 4 at UGent
- Overview of the courses: https://www.ugent.be/eb/en/international/joint-and-double-degrees/double_degree_courses/courses-tartu.htm

DOUBLE DEGREE WITH UNIVERSITÉ DE LIÈGE

- Awarded degrees:
 1. Master in Business Engineering – finance/operations management (UGent)
 2. Master in Business Engineering (Université de Liège)
- Structure of the programme:
 1. Semester 1 at Liège
 2. Semester 2 at Liège
 3. Semester 3 at UGent
 4. Semester 4 at UGent
- Overview of the courses: https://www.ugent.be/eb/en/international/joint-and-double-degrees/double_degree_courses/courses-liege.htm

PROCEDURE

STEP 1

- Academic year 2025-2026 (now!)
- Contact the international office (international.eb@ugent.be)
- Deadline: May 1st 2026

STEP 2

- Academic year 2026-2027
- Study at UGent within the double degree programme
- Submit an exchange application

STEP 3

- Academic year 2027-2028
- Study a semester/year abroad at the partner university

QUESTIONS

Interested in a double degree?

Any doubts or questions?

- contact the International Office
- Send us an email international.eb@ugent.be
- Visit us at campus Tweakerken, building Hoveniersberg, ground floor (next to the faculty student administration)

MASTER IN TEACHING



Leerlijn drie is dan
natuurlijk 'the real work'.

**Randstad
Young Talents**

Kato Selis & Julie Vandekerckhove
09 235 02 31
youngtalents.gent@randstad.be
regio Oost- en West-Vlaanderen



partner for talent.

1



Talent coaching

cv screening, jobcoaching, get to know your talents, cover letter, job application tips...

2



Study relevant student jobs

gain experience with a study relevant job to boost your cv

3



Young graduate jobs

after graduation we offer junior positions and traineeships

Where can you find us?

On campus **every Tuesday**
at campus Tweekerken UGent on
KCO local at Foyer



partner for talent.

Check our jobs =>



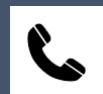
partner for talent.

Young Talents Oost- en West-vlaanderen

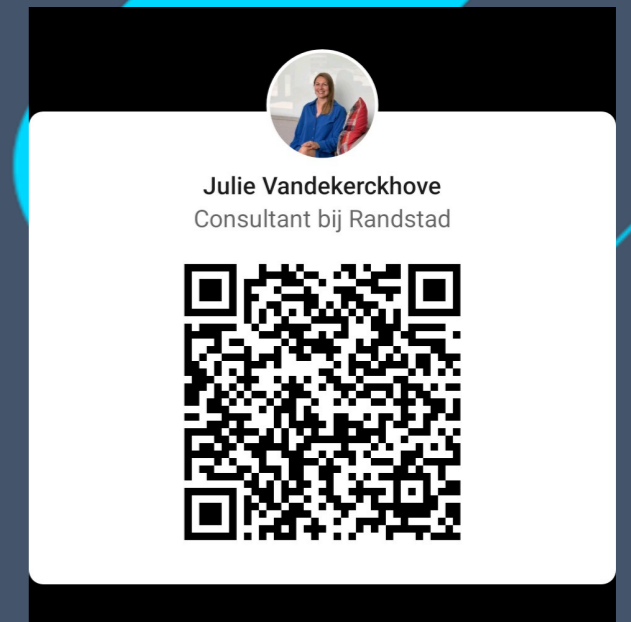
Nele Depestele (manager),
Kato Selis & Julie Vandekerckhove




youngtalents.gent@randstad.be



09 235 02 31



Julie Vandekerckhove
Consultant bij Randstad



Kato Selis
HR-consultant bij Randstad Belgium



Prof. dr. Matthias Bogaert (Data Analytics)

Prof. dr. Virginie Mataigne (Finance)

Prof. dr. Tom Servranckx (Operations Management)

Prof. dr. Evelien Opdecam (Master in Teaching)

www.ugent.be/eb