



*The Royal Statistical Society of Belgium has the pleasure to invite you to*

**One-day Symposium on June 14<sup>th</sup> in Brussels**

**Statistics, Data Science, Artificial Intelligence,... Shaping the Future Together**

In collaboration with



Federal  
Public Service  
**FINANCE**

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In today's world, tons of data is produced which is further used in many data-driven technologies. Statistics serve as a foundation when dealing with data and its analysis in data science. There are certain core concepts and basic principles that need to be thoroughly understood before jumping into advanced algorithms of artificial intelligence systems.

These systems are becoming more common and are now often used to support human decision making, but widespread adoption of AI systems requires people to trust their output. Where machine learning algorithms are involved in decision making, AI governance is also becoming a necessity, with the aim of closing the gap between accountability and ethics in technological progress. Practical challenges of AI further include data privacy and security issues, data quality, data storage issues, and computing power.

**AUDIENCE:**

This one-day symposium aims to bring together practitioners from the public service and industry, academics and young PhD researchers. The symposium is not intended to provide a detailed technical focus on any particular aspect of data-driven decision-making, but does aim to a high-level overview of the different challenges in the whole process.

**WHEN:**

*Tuesday June 14<sup>th</sup> 2022*

**VENUE:**

*Finance Tower complex*

*the Pacheco-conference room*

*Pachécolaan 13*

*1000 Brussels*

**REGISTRATION:**

Registration is free but mandatory (before June 7<sup>th</sup> 2022) via <https://eventmanager.ugent.be/RSSBSTATAI>

## Program

09.00 – 09.10

Introduction (T. Loeys, president RSSB)

09.10 – 10.10

From statistics to machine learning: driving actions with data (Bart Van Rompaye, KPMG Lighthouse)

10.10 – 10.30 coffee break

10.30 – 11.30

Trusted AI: Managing and Governing the Risks of AI (Seppe vanden Broucke, UGent and KULeuven)

11.30 – 12.10

Data and analytics governance: leading a data-driven transformation program (Michel Van Hoegaerden, FPS Finance)

12.10 – 13.10 sandwich lunch @ Pacheco foyer

13.10 – 13.50

Challenges with data management towards advanced analytics and AI (Wim Bonneux, FPS Finance)

13.50 – 14.30

Customer success stories: analytics and AI in real-time environment (Joline Jammaers, SAS)

14.30 – 14.50 coffee break

14.50 – 16.10 'Data science as a job': 4 sessions of 20 minutes

- Reflections on starting data scientists from the perspective of a Lead Data Scientist (Michaël Mariën, KBC)
- What can job ads tell us about the state of the data labor market in Europe? (Mike Friedman, Aqua Pharma Group)
- From PhD to industry (Annelies De Corte, KPMG Lighthouse)
- From PhD to public sector (Inge Mattens, FPS Finance)

16.10 – 17.00 closing and social drink

Moderator: Dierk Op 't Eynde (FPS Finance and board member RSSB)