

Data Week speakers include:



Joanna Bryson
Professor of Ethics and Technology



Slava Jankin
Professor of Data Science and
Public Policy



Matthias Haber
Head of Data
Looping Studios



Mark Kayser
Professor of Applied Methods and
Comparative Politics

Status: 2020

The Hertie School is committed to environmental sustainability.

Fees

5.070,00 EUR for the full Data Week programme
(1.690,00 EUR for each individual course)

Application process

Registration is possible on a firstcome, first-served basis via application.hertie-school.org. Admission is subject to availability.

Application requirements

- Higher education degree
- At least two years of relevant professional experience (average is ten years)
- Good knowledge of English

The credits earned in the three executive courses can be transferred to the Hertie School's Executive Certificates or the Executive Master of Public Administration. The Executive Education team is happy to answer any questions you have about tailoring an executive training package that meets your professional development needs.

Contact



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Dean of Executive Education
and Professor for Communication
in Politics and Civil Society

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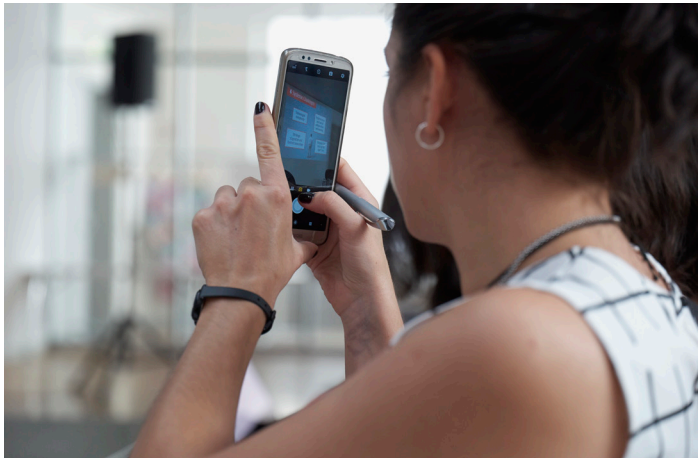
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Data Week

27.01.-04.02.2020

Gain cutting-edge skills and know-how on
data science and AI technologies



Data science is expected to have significant impact across all sectors of the economy and society within the coming decade. The Hertie School Data week equips decision-makers with the tools to tackle policy-challenges with the power of data science.

Executives in both public and private sectors require methodological and a high-level understanding of underlying Artificial Intelligence (AI) and data science technology. Data science is an interdisciplinary field whose goal is to extract knowledge from complex data using a fusion of computation, machine learning, and domain expertise. Data science is closely related to big data, but data science is more focused on the process of learning from, and making decisions based on, data rather than the size of the data set itself. Data science is also closely related to AI in its utilization of high computational power and core methodological approaches like machine learning, deep learning, and natural language processing.

The Hertie School's data week consists of a total of three courses on data and AI science. These courses can also be signed up for individually.

During the Data Week you will develop key competencies and skills in data science, while exploring the following issues:

- Proper use of methods in quantitative research
- Distinguishing properly designed and estimated data models from flawed work
- What are Artificial Intelligence and Machine Learning?
- Benefits of data management and AI technologies for organisations and society
- Governance implications of artificial intelligence deployment
- Generating, reading, analyzing, and communicating data

When to trust the numbers: Informed data consumption

27-29 January 2020

The first part of the week covers the use of quantitative methods that are popular in all types of social analysis from business to government. Effective managers increasingly need to understand quantitative analysis. Most critically, they must be able to discern properly designed and estimated models from flawed work. And when they suspect a flaw, it is of great advantage to understand whether and how it likely biases results. Participants will complete this course with an enhanced ability to know when to believe the numbers.



Mark Kayser
Professor of Applied Methods and
Comparative Politics

For more information and updates about the programme, please contact the Executive Education team (executive@hertie-school.org) or visit www.hertie-school.org

Artificial intelligence for decision-makers

30 January - 1 February 2020

Artificial Intelligence, Machine Learning, and Data Science have been dominating the headlines in the last few years. But what does it all mean? What are these technologies and how are they linked? What benefits can organisations and businesses derive from deploying such technologies and how can they go about and embed them to deliver tangible benefits? What are the governance implications of artificial intelligence deployment? This course aims to demystify these concepts and highlight direct business and societal benefits.



Slava Jankin
Professor of Data Science and
Public Policy

Data skills

3-4 February 2020

This course introduces students to a core set of skills and methods needed for generating, reading, analyzing, and communicating data, and provides them with the ability to apply them to their own projects. The course covers concepts such as probability, inference, regression, and machine learning and helps students develop an essential skill set that includes R programming.



Matthias Haber
Head of Data
Looping Studios

