

The logo for Data Science Week, featuring the words "DataScience" in a blue sans-serif font, with "WEEK" in a smaller red font below it, all enclosed in a blue rectangular frame with a white border.

DataScience
WEEK



3rd World Conference on

DATA SCIENCE & STATISTICS

June 16-18, 2025 | Amsterdam, Netherlands

CONFERENCE PROGRAMME

<https://datascience.thepeopleevents.com/>

Opening Ceremony @ 08:45-08:55 | Welcome Speech by Host

Keynote Talk

- 09:00-09:20 **Title: The Importance of On-Premise Cloud Systems for State-of-the-Art Training in Data Science**
Thomas Eppler, University Albstadt-Sigmaringen, Germany
- 09:25-09:45 **Title: Driving Semiconductor Excellence: The Intersection of Data, AI, and Next-Gen Technology**
Jason Zi Jie Chia & Dennis Peskes, Elmos Semiconductor SE, Germany
- 09:50-10:10 **Title: The Rise of Decentralized AI: The Fall of Centralized Data and the Future of LLMs**
Gregory Allen, Datasent, USA
- 10:15-10:35 **Title: Won't you try: on the use of AI models in publishing research results**
Vladan Devedzic, University of Belgrade, Serbia

Coffee Break 10:40-11:00 @ Foyer

- 11:00-11:20 **Title: Eekual's GenAI: Pioneering Personalized, Sustainable Production through the World's First AI for Physical Product Generation**
Maximilian Bock, eekual bionic GmbH, Germany

Session: 1 Session Introduction

Track: Data Science & Technology | Applications of Data Science

- 11:25-11:40 **Title: Software Development Plan for the Office of Indian Affairs – AI Tool Development for Acquisition Processes**
Richard St Germaine, St Germaine Data Innovations, US
- 11:45-12:00 **Title: Unsupervised learning-based MIL annotation method for road quality assessment**
Roland Nagy, University of Pannonia, Hungary
- 12:05-12:20 **Title: Advancing Anomaly Detection in Sports Betting: Identifying AI Techniques for Operators to Detect Suspicious Activity**
Matteo Farrugia, University of Malta, Malta
- 12:25-12:40 **Title: Unlock the Potential of Data Science in People Analytics**
Pan, L. (Lei), FrieslandCampina, Netherlands
- 12:45-13:00 **Title: A novel algorithm for time series clustering**
R. J. Kuo, National Taiwan University of Science and Technology, Taiwan

10 Minutes PANEL DISCUSSION

Group Picture | Lunch Break 13:30-14:15 @ Restaurant

Session: 2 Session Introduction

Track: Future of AI | Generative AI

- 14:00-14:15 **Title: Navigating the Future: The EU AI Act's Role in AI and ML for Data Science**
Sean Musch, AI & Partners, B.V, Netherlands
- 14:20-14:35 **Title: Humble Lessons in AI Leadership: Navigating Hallucinations, Hype, and LLM meltdowns**
Yonatan Alexander, Lasso Security
- 14:40-14:55 **Title: How LLMs could transform software interfaces**
Luis Angel Tórtola Tejeda, Universidad Francisco Marroquín, Guatemala
- 15:00-15:15 **Title: The New European Union Law Framework: Challenges for Data Science**
Ricard Martínez Martínez, Universitat de València, Spain
- 15:20-15:35 **Title: AI Agents Use Cases in Industry: A Data-Driven Approach**
Paraskevi Kivroglou, IU International University of Applied Sciences, Germany

10 Minutes PANEL DISCUSSION

Keynote Talk

Coffee Break 15:50-16:10 @ Foyer

16:10-16:30	Title: Leading with Agentic AI: Unlocking the Next Era of Intelligent Organizations Ivana Nikolik, AtoS, Netherlands
16:35-16:55	Title: From Predictions to Agents: Navigating the Evolution of Operational AI Ethics Sarah Mathews, The Adecco Group, Germany
Session: 3	Track: POSTER PRESENTATION
17:00-17:10	Title: Complex Networks from Survey Data Dino Pitoski, PEOPLET Ltd. Lindar, Croatia
17:10-17:20	Title: Bayesian Variable Selection for High-Dimensional Mediation Analysis: Application to Metabolomics Data in Epidemiological Studies Youngho Bae, Sungkyunkwan University, South Korea
17:20-17:30	Title: Two-part regression models with heterogeneous covariance matrix for semicontinuous longitudinal data Jiwon Jo, Sungkyunkwan University, South Korea
17:30-17:40	Title: A latent space model for integrating multiple weighted networks Soyeon Kim, Sungkyunkwan University, South Korea
17:40-17:50	Title: Biomarker-based optimization of risk prediction in community-acquired pneumonia of different origin Imrana Farhat, Universität Leipzig, Germany

10 Minutes PANEL DISCUSSION | End of Day 1

Day 2 | June 17, 2025

Distribution of Badges and Registration @ 08:00-08:55 | Welcome speech by Moderator | Meeting Room: Room 1

Keynote Talk

09:00-09:20	Title: Leveraging Generative AI for Clinical Studies Holger Fröhlich, Fraunhofer SCAI, Deutschland
09:25-09:45	Title: Interfacing Bayesian Statistics and Bayes Deep Learning Pilz Jürgen, University of Klagenfurt, Austria
09:50-10:10	Title: Quantum Computing-Enhanced AI for Time Series Analysis: A Leap Beyond Classical Limitations Jan Mikolon, QuantumBasel, Germany
10:15-10:35	Title: Which AI Should I Bet Your Life On? Risk Scoring in Healthcare AI Jans Aasman, Franz Inc, US

Coffee Break 10:40-11:00 @ Foyer

11:00-11:20	Title: Reversing Perception as the Truth – How Evidence Based Management has helped Rabobank Elias Negrin, Rabobank, Netherlands
Session: 4	Track: Data Analysis, Statistical Learning & Big Data Analytics

Session Introduction

11:25-11:40	Title: Using Symbolic Regression to Derive Entropy Formulae for Multivariate Distributions Kurt Pflughoeft, Aaron Rose, University of Wisconsin, USA
11:45-12:00	Title: The second Law of statistics from a dynamical systems perspective Alexandra Pinto, Hoursec, Netherlands
12:05-12:20	Title: Wildfire Detection in Remote Sensing Imagery Based on a Hybrid CNN-Vision Transformer Approach MOUALHI Mohamed, Software Implementation and Validation Laboratory, Algeria
12:25-12:45	Title: The Crucible of the Future: Understanding the Inevitable Impact of Emerging Technologies Gabriel Vazquez Torres, ConsciencesAI, USA

20 Minutes PANEL DISCUSSION

Lunch Break 13:20-14:00 @ Hotel Restaurants

Session: 5	Track: NLP & Machine Learning Reinforcement Learning Neuroinformatic
Session Introduction	
14:00-14:15	Title: An enhanced approach for symbol detection in P&ID using deep learning Yacine Lamari, Assystem, France

14:20-14:35	Title: Beyond the Button Test: Mastering B2B Experimentation in the Enterprise Liz Obermaier, Statsig, USA
14:40-14:55	Title: Rapid Ethical Deliberation: How to integrate ethical aspects in the development and deployment of digital technology Marc Steen, TNO, Netherlands
15:00-15:15	Title: Causal Inference Framework for incrementality : A Case Study at Booking to estimate incremental Customer Lifetime Value due to App installs Netesh Bhatt, Booking.com, Netherlands
20 Minutes PANEL DISCUSSION Coffee Break 15:50-16:10 @ Foyer	
Session: 6 Session Introduction	Track: AI Ethics and Public Policy
16:10-16:25	Title: The Interplay of Privacy Protection and Application Compatibility in Platform Competition Netnapha Chamnisampan, National Chin-Yi University of Technology, Taiwan
16:30-16:45	Title: Ensuring Responsible Development and Use of Artificial Intelligence in Modern Enterprises Michael Charles Michael Borrelli, AI and Partners B.V., UK
16:50-17:10	Title: Explainable AI Approaches in Neural Networks Ahmed Rafea, American University in Cairo, Egypt

20 Minutes PANEL DISCUSSION | End of Day 2

Day 3 | June 18, 2025

Distribution of Badges and Registration @ 08:00-08:55 | Welcome speech by Moderator | Meeting Room: Room 1

Keynote Talk

09:00-09:20	Title: When Data Gets Dangerous – Data Science & Saving Lives Marijn Markus, Capgemini, Netherlands
09:25-09:45	Title: AI-Powered Value Chains: Nice-to-Have or Business Imperative? Milton MARTINEZ LUACES, Decathlon, France
09:50-10:10	Title: Quantifying Emotional Influence in Human–Large Language Model Interaction: Evidence from an Experimental Framework Francesca Fallucchi & Manul Gozzi, Guglielmo Marconi University, Italy
Coffee Break 10:40-11:00 @ Foyer	
Session: 7	Track: Machine Learning Techniques Banking & Financial Interaction
11:00-11:15	Title: Analyzing User Behavior and Interactions in the Contemporary Retail E-commerce Landscape: A Machine Learning and Natural Language Processing (NLP) Approach. Zynab Piryaee, Cemex, Germany
11:20-11:35	Title: Hierarchical Text Classification in Label Scarce Environments Sebastian Schramm, Crisis24, Germany
11:40-11:55	Title: Energy Demand Forecasting for B2B Customers Using Calendar-Based Machine Learning Models Ioannis Parolas, Eneco, Netherlands

20 Minutes PANEL DISCUSSION

Session: 9 Session Introduction	Track: Future Trends in Data Science Artificial Intelligence
12:30-12:45	Title: Transferring Transfer Learning to a new level: Java Dauwe Schimmel, Quintor B.V., Netherlands
12:50-13:05	Title: Overcoming the data trust issues: Distributed ownership and treating data as a product Mahdi Karabiben, France

Lunch Break 13:10-13:50 @ Hotel Restaurants

13:55-14:10	Title: The Surprising Complexity of Fueling an Aircraft: A Machine Learning Approach Samuel McGuire, datatactics GmbH, Germany
14:15-14:30	Title: Next-Generation Customer Insight through GPT Actions & the OpenAI API Agnese Giacomello, Catawiki, Netherlands
14:45-15:00	Title: Is Multi-Agent AI collaboration reshaping the Future of Software? Tomas Sykora, Amazon Web Services, Germany

20 Minutes PANEL DISCUSSION | Coffee Break 16:15-16:35 @ Foyer | End of Day 3