

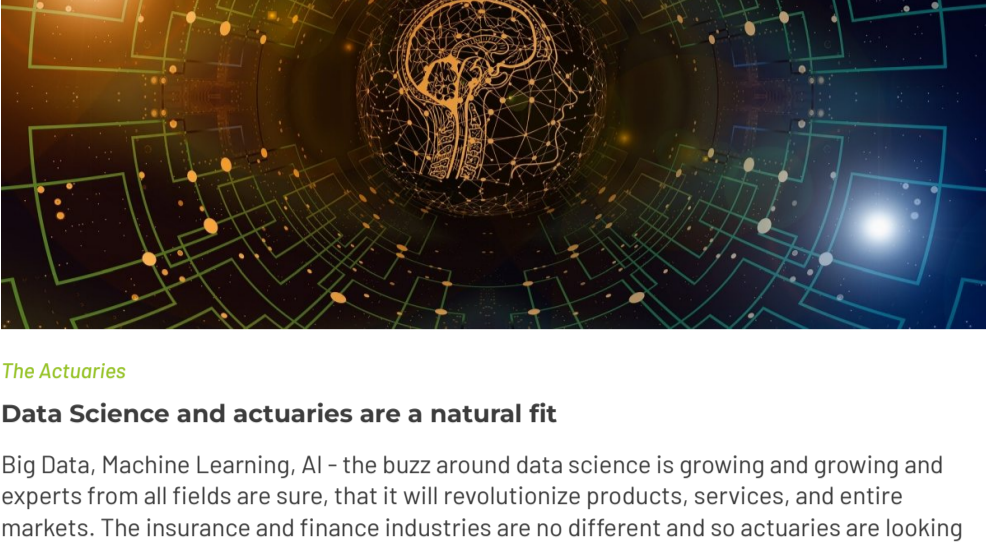


## Greetings

The latest issue is all about digitalization and what big data and data science mean for the insurance and finance industries and, especially the daily work of actuaries. Read on and see where actuarial experts are already at the forefront of new technology and what skills they bring to the table.

Furthermore, we have new job ads from all fields for you as well as exciting new videos on actview.

## Focus topic



### The Actuaries

#### Data Science and actuaries are a natural fit

Big Data, Machine Learning, AI – the buzz around data science is growing and growing and experts from all fields are sure, that it will revolutionize products, services, and entire markets. The insurance and finance industries are no different and so actuaries are looking at a new area where they can contribute with their specialised know-how in stochastics and analytics.

Our partners from the Emerald Group tell you which skills employers are looking for at the moment. Since demand is rising, actuarial associations already adapted their education and syllabuses to the new topics of data science and are making sure that actuaries are well-equipped to work in this exciting field. Henning Wergen presents those changes for the AAE and DAV, while we also present to you an experience story from a young ERGO data scientist. The last two articles of this issue highlight why data science is here to stay and what new challenges will arise from regulation and market trends.

## Career Blog



### The Companies

#### Actuarial Data Science: Transforming Actuarial Modelling

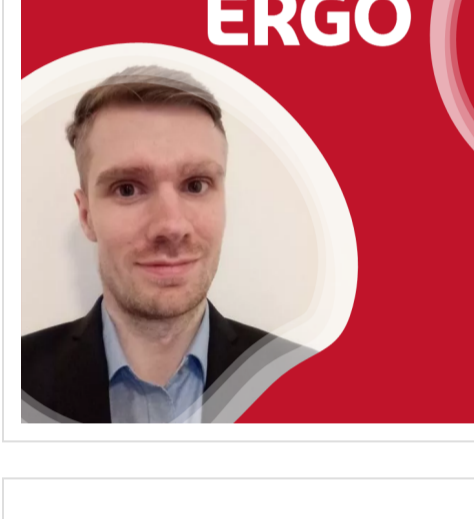
With career opportunities within actuarial data science and machine learning on the rise, recruitment expert Sarah Schadek-Keane, Director of International Actuarial for Emerald Group, explores what it takes to build a career within a specialty area that puts technology at the centre of data assessment and risk management.

[Read more](#)


### The Actuaries

#### Enhancing your skills in Actuarial Data Science

The scope of the actuarial profession and the areas in which actuaries work have been changing ever since. One of the main developing fields in the last couple of years was the field of Data Science. It is clear that actuaries with their proven expertise in working with data need to include this still evolving field into their domain of knowledge.

[Read more](#)


### The Actuaries

#### ERGO Experience Stories: Data Scientist - Armin

In this interview, Armin, a data scientist at ERGO talks about his daily practice at the job and how he became a data expert after his Master in statistics at TUM.

[Read more](#)


## Artificial Intelligence



### Working Life

#### AI: OK?

Artificial Intelligence has been a hot topic for a long time now, and is a development which promises to further transform many aspects of our lives. To understand what this could mean for actuaries, we should start from something we are certain of: data sets are the foundation for predictions which underpin risk measurement. Machine learning and other AI tools make it possible to consider vastly expanded data sets, and as such to potentially develop entirely new ways to evaluate and analyze risks.











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#### The Artificial Intelligence Act – will it also affect the insurance industry?

For a number of years now, various European bodies have been dealing with ethical issues surrounding the use of AI in many aspects of life. First and foremost, their goal is trustworthy artificial intelligence that is ethical, robust and compliant with the law. This is not only to be accomplished for every individual AI system, but rather for AI in general. Consequently, requirements are imposed on the players involved, as users, providers and developers of AI systems.


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## Top Jobs

	<b>Abteilungsleitung (m/w/d) Lizenzmanagement</b>	20.03.2023	Hamburg, Germany	>
	<b>Executive Director, Model Governance and Operational Risk Analytics</b>	20.03.2023	Chesterfield, United States	>
	<b>Gruppenleiter (m/w/d) aktuarielle Produktentwicklung</b>	16.03.2023	Hannover, Germany	>
	<b>Senior Actuarial Associate (Corporate Reporting)</b>	15.03.2023	Hong Kong	>
	<b>Aktuar (m/w/d) im Bereich Komposit mit Schwerpunkt Lebensversicherung</b>	14.03.2023	Hamburg / Dortmund, Germany	>
	<b>VP &amp; Lead Actuary –Employer Stop Loss</b>	14.03.2023	Edison, United States	>
	<b>Leiter Kautionsversicherung (m/w/d)</b>	14.03.2023	Dusseldorf, Germany	>
	<b>Mathematiker / Aktuar (m/w/d)</b>	13.03.2023	Aachen, Germany	>
	<b>Aktuar*in (w/m/d)</b>	10.03.2023	Zurich, Switzerland	>
	<b>Actuarial Consultant (m/w/d)</b>	06.03.2023	Germany	>

## Number of the month



### 1 million

In just five days, the AI chatbot ChatGPT had more than 1 million users. ChatGPT is a model for generating speech that was developed by OpenAI and released in November 2022. It is capable of completing text on a variety of conversational topics and generating human-like text, based on the context provided in 95 languages. By now, daily user numbers are estimated at 10 million with operating costs at an estimated \$100,000 per day. OpenAI expects its revenues to reach \$200 million in 2023 and grow to \$1 billion by 2024. [Read more](#)

## Video recommendations on actview



### actview

#### Leadership Interview Series: Gloria Asare - Part 1

Michael S. Clark, Gloria Asare

[Watch video](#)


### actview

#### The role of self-awareness and self-belief in creating equity in the workplace

Nicola McGuinness

[Watch video](#)


### actview

#### Interessiert uns die Vergangenheit? – Markov-Anahmen in der Personenversicherung

Marcus C. Christiansen

[Watch video](#)

## For Recruiters

### Publish your job advert on actupool

Are you looking for new employees? Post your vacancies on actupool and find the perfect candidate. We offer everything from mini packages with good visibility to premium packages with a wide range of benefits for optimum visibility within your target group.

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## CONTACT

AMC - Actuarial Media Center GmbH  
Hohenstaufenring 47 - 51  
50674 Cologne | Germany

Phone: +49 221 912554-0  
Email: [contact@actupool.com](mailto:contact@actupool.com)

## IMPRESS

County Court Cologne (HRB 97223)  
VAT ID No. DE322903530

General Manager  
Michael Steinmetz

Party responsible for the content pursuant to § 55 Para. 2 RStV  
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