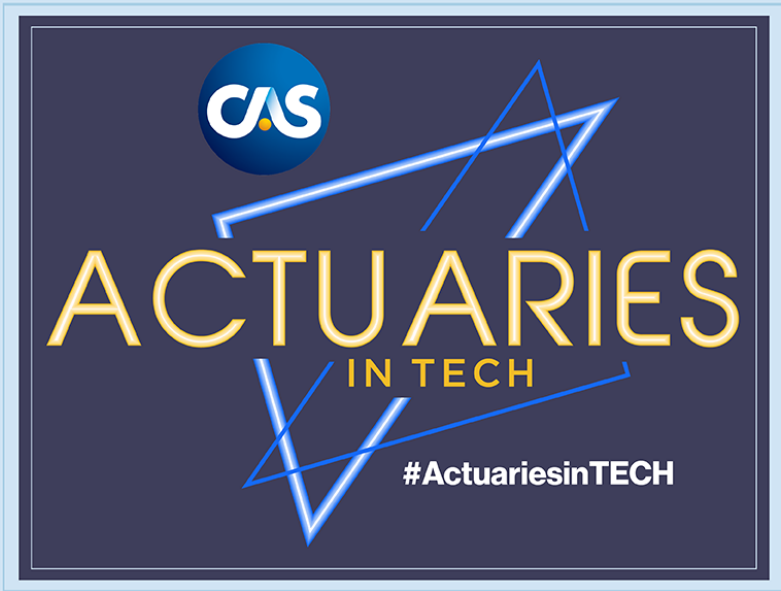




ACTUARIES

IN TECH

#ActuariesinTECH



Campaign Goals

- Highlight how CAS members (actuaries) are innovating and disrupting the technology industry.
- Promote stories of CAS members working in non-traditional roles at both small tech start-ups or large-scale tech companies like Google, Uber and DoorDash.
- Showcase how the actuarial skill set can be applied in new and innovative ways to contribute to a wide array of companies and projects.
- Foster engagement with CAS social media platforms to further establish CAS members as thought leaders and innovators, in the insurance industry and beyond.



Launching #ActuariesinTECH

07/01/2022

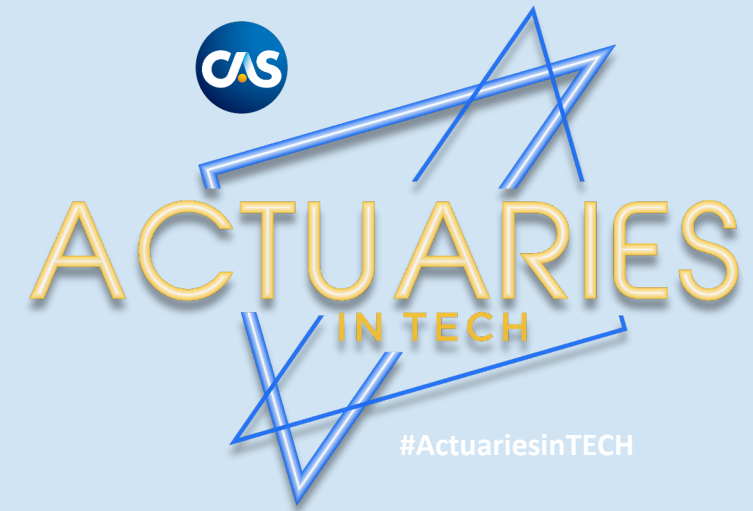


“The tech industry has never been more important, along with the need for actuaries.”

The tech industry has never been more important, along with the need for actuaries. Many CAS members are transitioning from traditional roles to roles at large technology companies or startups. To highlight our members' innovations in the tech space, the CAS is launching our very own Actuaries in Tech Month! This campaign is the fourth in our “Actuaries in...” series, following #ActuariesinCOMMUNITY, #ActuariesinMUSIC and #ActuariesinPOP.

Throughout the month of July, we will be sharing individual CAS members and community stories on our LinkedIn, Facebook, Instagram, and Twitter platforms using the hashtag #ActuariesinTECH. We also encourage members to keep an eye on the CAS Roundtable Blog for blog posts about the campaign!

It's not too late for you to be involved! If you, or any fellow actuaries you know, are involved in the tech space or are working on any revolutionary tech projects please join the conversation on social media with #ActuariesinTECH, or email socialmedia@casact.org to be featured in the campaign. We hope you will join us in celebrating #ActuariesinTECH!



Campaign Elements

Kickoff Announcement

Blog Posts

Member Profiles

Instagram Live Q&A

Community Engagement

Actuaries in Tech Feature: Aaron Wright

Posted on July 27, 2022 by Lily Rozenstrauch



Interview with Aaron Wright, FCAS, director of strategy, Earnix.



What is your current role?

I am the director of strategy at Earnix, the premier provider of mission-critical solutions that transform how global insurers are run. Utilizing my insurance expertise, I set company strategy and work with global insurance companies to modernize their insurance technology stack.

How does your actuarial background help you succeed in this role?

Prior to joining Earnix, I worked as an executive at USAA and gained experience both working leading teams in the areas of pricing, underwriting, state management, catastrophe management and data science. I have seen things work well and know where typical inefficiencies are. I utilize this understanding to help Earnix build a successful product that revolutionizes how insurance companies manage their critical operations. Additionally, the communication skills I learned as an actuary, to describe complex topics to people from a variety of backgrounds, translates well into my tech role.

How is technology revolutionizing insurance?

Data storage and computing power has evolved to the point that utilizing vast amounts of data is not cost prohibitive. Advanced analytics and intelligent insurance operations can provide personalized products which deliver value to customers in ways that never used to be possible. Technology also allows business decision makers to implement innovative changes directly into production, while still enjoying strict governance and controls. All of this means that analytically minded business people, such as actuaries, are able to provide greater value and focus on what they do best.

What is the best part of being an actuary working in technology?

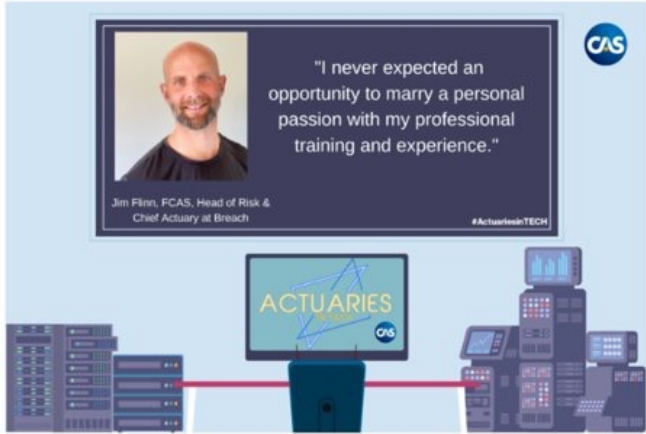
I love being able to directly have a positive influence on an insurance company. At Earnix, I see that happen repeatedly. I am able to meet with business leaders and actuaries from all over the world to discuss their needs. Working for a technology company has not only broadened my horizons but also allows me to influence the industry for good on a global scale.

What advice would you give an actuary considering a technology role?

The skills and insurance knowledge you gain as an actuary can translate very well outside of the insurance industry. Don't feel stuck in the traditional roles, but instead help employers see how your knowledge and skills translate to provide value for them. While preparing for this future role, focus on both technical and soft skills. Both have broad application.

Interview with Jim Flinn, FCAS, Head of Risk & Chief Actuary, Breach Insurance

Posted on July 28, 2022 by Lily Rozenstrauch



Jim Flinn, FCAS, MAAA is the Head of Risk & Chief Actuary at the InsurTech startup [Breach Insurance](#), where they are building a full stack insurance carrier to serve the growing crypto and blockchain industry. Jim spent nearly 20 years in the traditional insurance space at established carriers before taking the leap into the world of startups and crypto.

Jim started his actuarial career at USAA pricing property lines for several years before moving to American National as a catastrophe modeler. He then worked in reserving, reinsurance, predictive modeling and ultimately Enterprise Risk Management serving as the Chief Risk Officer. Jim credits that breadth of experience as great preparation for his current role.

"I had some wonderful opportunities to work in all sorts of disciplines. From pricing and modeling to reserving and reinsurance, I was able to at least get exposed to various areas if not get deep dive experience. I was also put in front of regulators and reinsurers and rating agencies which helped me develop my public speaking abilities. I've drawn on all those experiences since joining Breach."

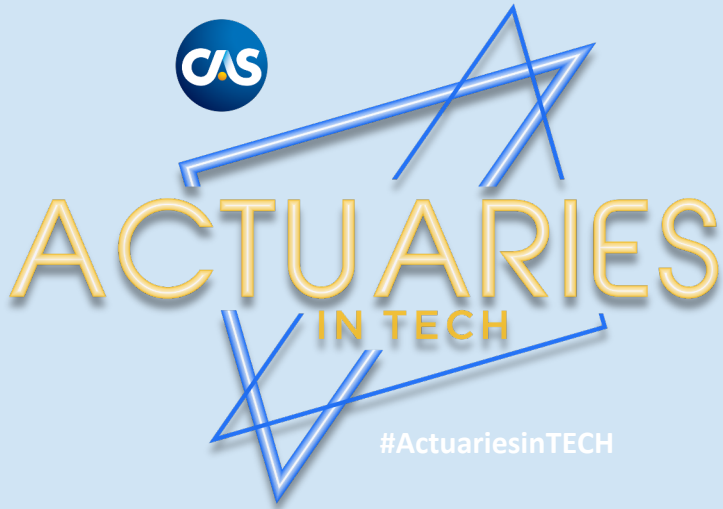
On a personal level, Jim has been interested in cryptocurrencies and blockchain technology for quite some time but didn't expect to be working directly in the field.

"I dabbled with crypto trading shortly after Coinbase opened their services to the public. A neighbor showed a few of us his wallet and recent gains at a get together. I asked tons of questions and then later that weekend opened my own account and started trading. It was all in good fun, but I never expected to get an opportunity to work directly in the field. I watched new coins hit the market and continued to read up on the field in my free time until meeting the cofounder of Breach."

Breach Insurance is preparing to meet the unmet and growing need for risk transfer solutions in the crypto space. "The thing that drew me to Breach is the chance to build something new and truly grow the insurance market. Our products that protect consumers from crypto hacks are unique and at this point we appear to be the only ones going about it in a fully regulated manner. There are some insurance-like solutions in the defi space but from a consumer protection standpoint our policyholders will rest assured, knowing we are following insurance laws and regulations and have their best interest in mind."

As the crypto markets continue to grow, so will the need for insurance solutions. As that insurance segment grows, actuarial talent will be needed. There will be more and more opportunities for actuaries to combine their interest in crypto, web3, NFTs, defi/cefi and blockchain tech with their traditional actuarial experience and training. Jim explained that "being able to apply actuarial methods and approaches that are time tested to brand new emerging fields like this space can be extremely rewarding and invigorating. I never expected an opportunity to marry a personal passion with my professional training and experience."

For advice to other actuaries, Jim stresses the importance of getting exposed to as many fields as



Campaign Elements

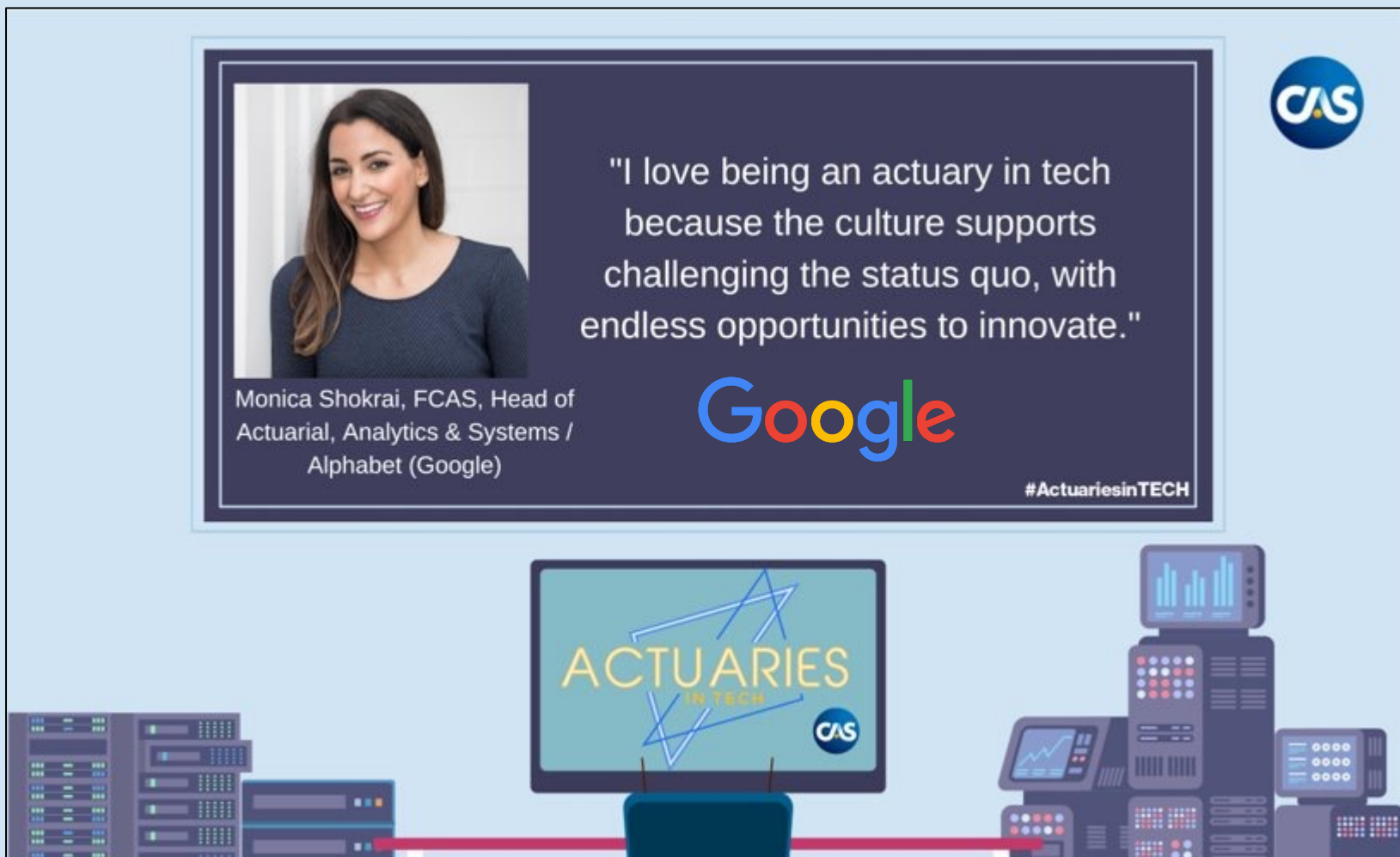
Kickoff Announcement


Blog Posts


Member Profiles

Instagram Live Q&A

Community Engagement









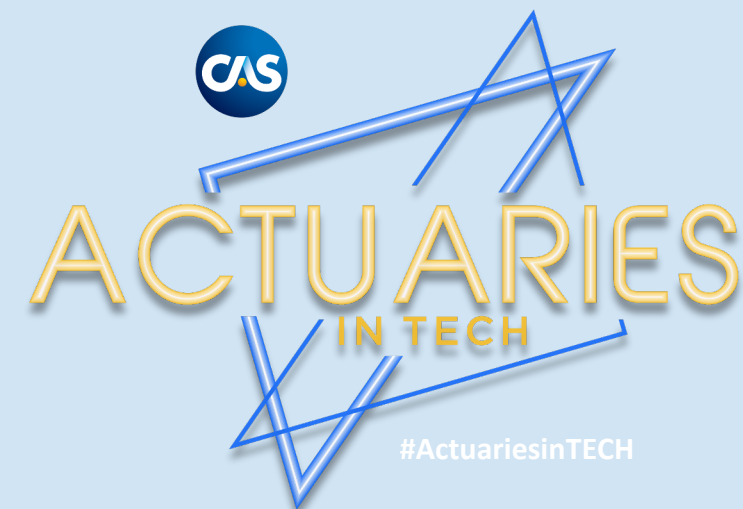
"I love being an actuary in tech because the culture supports challenging the status quo, with endless opportunities to innovate."

Monica Shokrai, FCAS, Head of Actuarial, Analytics & Systems / Alphabet (Google)





#ActuariesinTECH



Campaign Elements

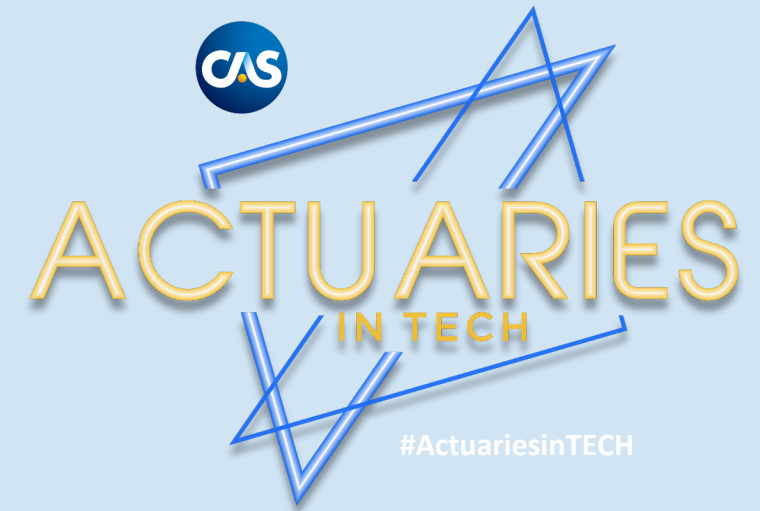
Kickoff
Announcement

Blog Posts

**Member
Profiles**

**Instagram
Live Q&A**

**Community
Engagement**

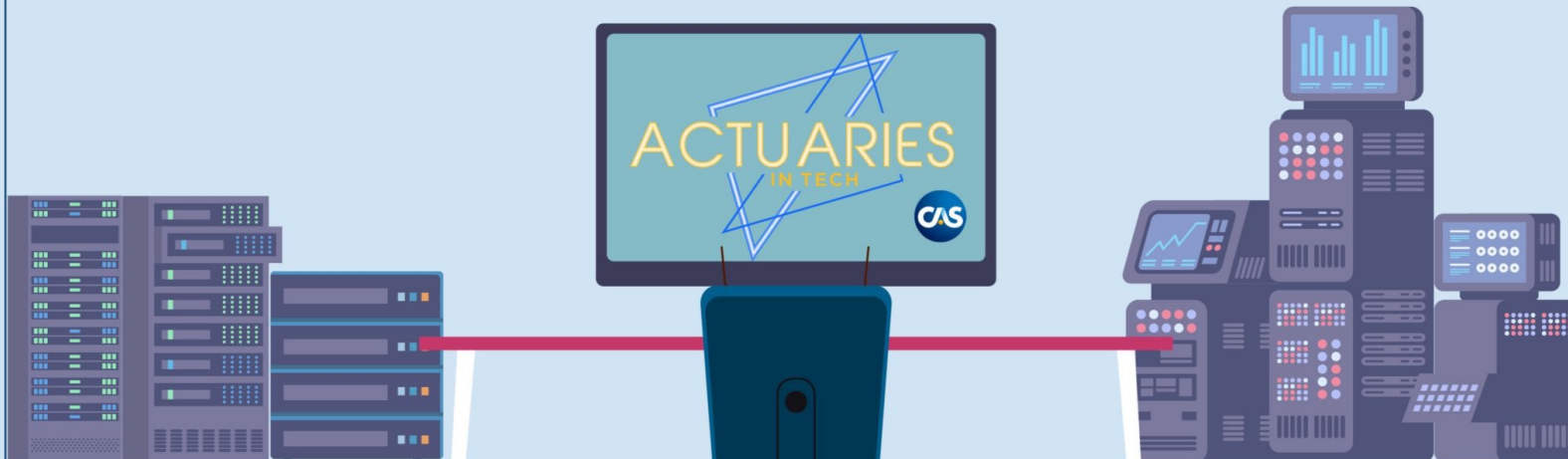


"At DoorDash, Josh helped build out and now leads their Risk & Insurance department, an increasingly necessary group given the scale of growth, across both verticals and geographies, the company has experienced over the past several years."

Joshua Pyle, FCAS, Senior Director
& Head Actuary, DoorDash



#ActuariesinTECH



Campaign Elements

Kickoff
Announcement

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Profiles**

Instagram
Live Q&A

Community
Engagement



Casualty Actuarial Society

17K followers

6mo •



For today's #ActuariesinTECH feature hear from CAS Fellow Frank Chang, head of core services analytics at Uber on why actuaries are playing important roles at tech companies: <https://lnkd.in/eUVRf4fb>



Uber



ACTUARIES
IN TECH

#ActuariesinTECH

Campaign
Elements

Kickoff
Announcement

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Profiles**

Instagram
Live Q&A

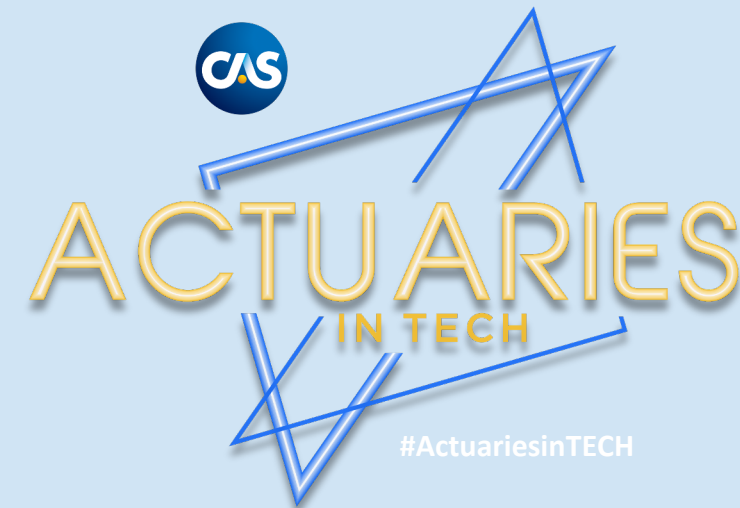
Community
Engagement



"I never expected an opportunity to marry a personal passion with my professional training and experience."

Jim Flinn, FCAS, Head of Risk & Chief Actuary at Breach

#ActuariesinTECH



"Actuaries often take on consulting roles beyond pricing, and at NEXT this is no different. Our team's analyses and recommendations have helped steer the company through its most impactful decisions."

Phil Natoli, Director & Head Actuary, Next Insurance

#ActuariesinTECH



Campaign Elements

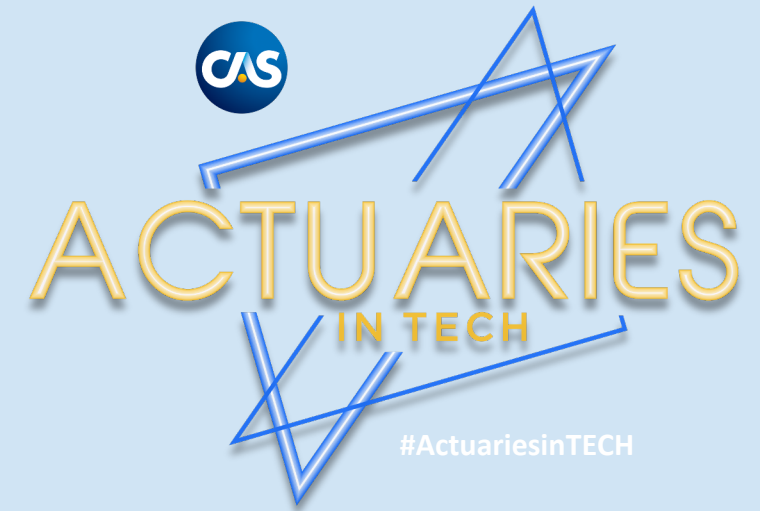
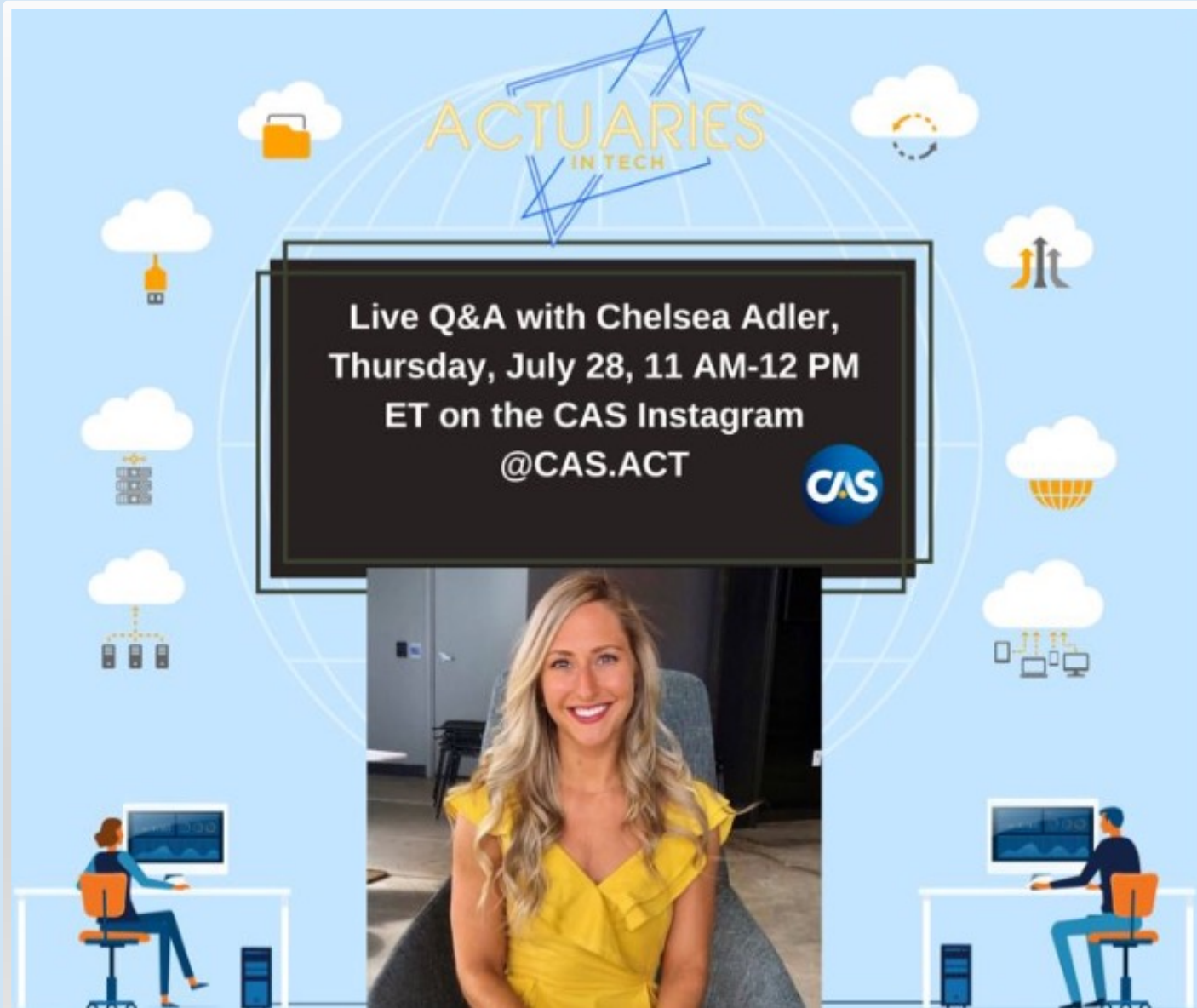
Kickoff Announcement

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Community Engagement



Campaign Elements

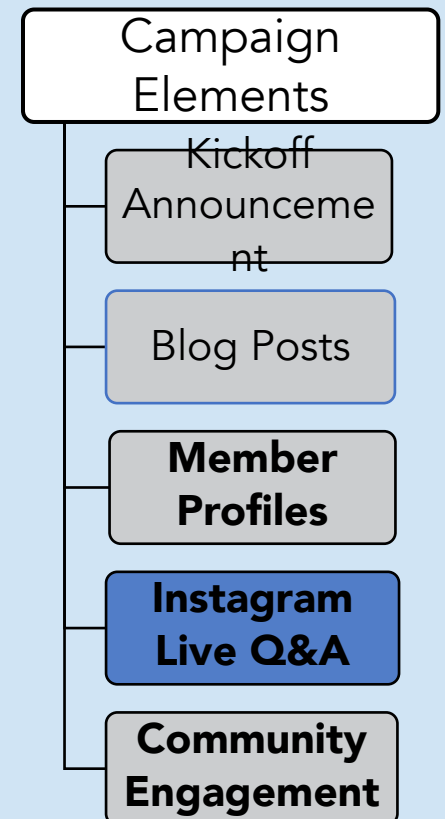
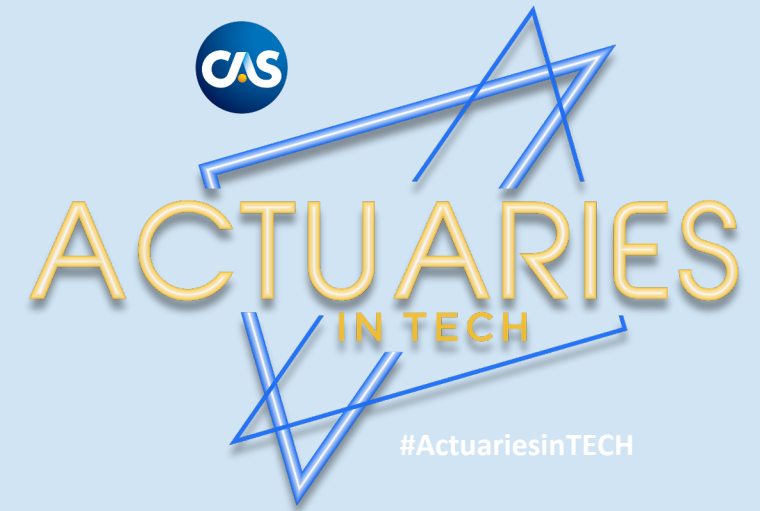
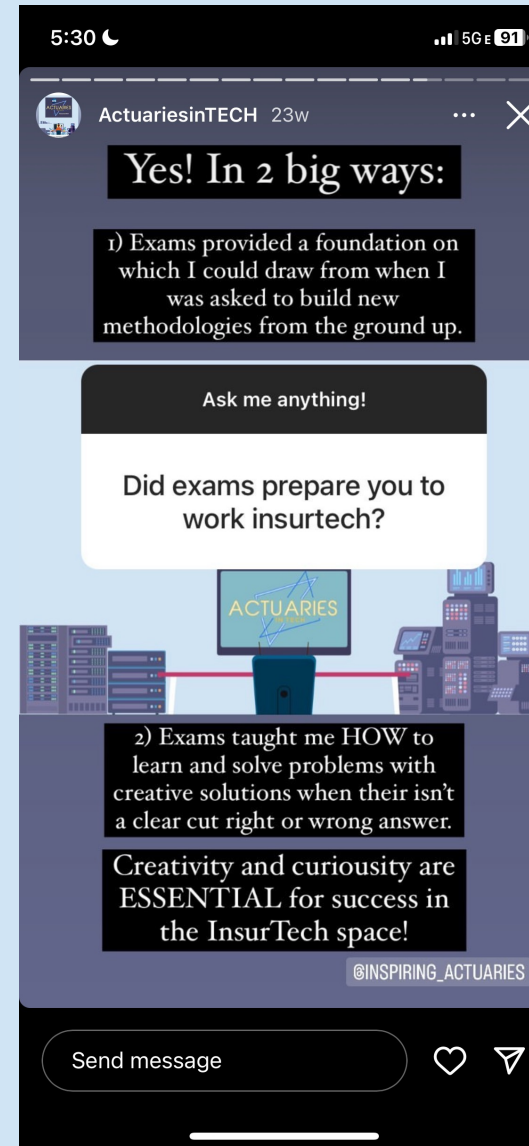
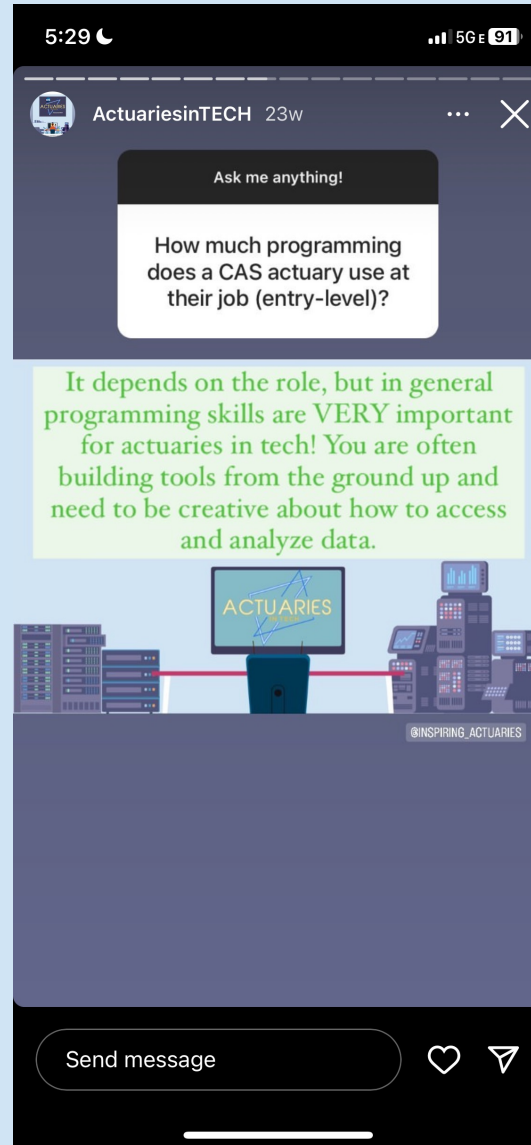
Kickoff
Announcement

Blog Posts

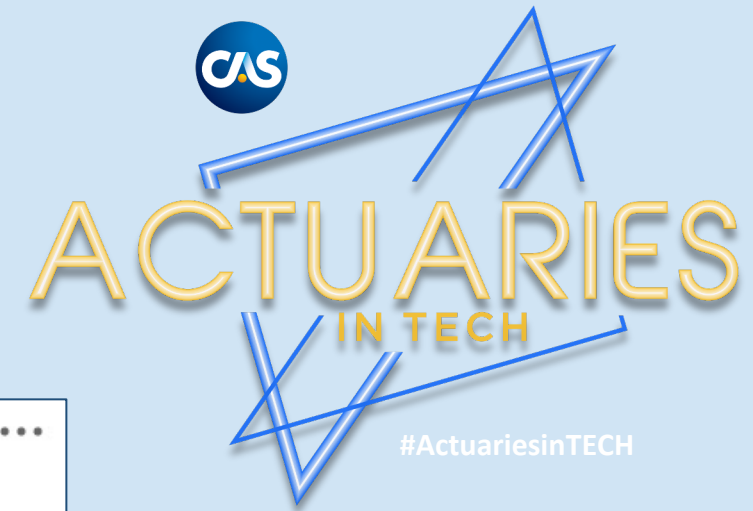
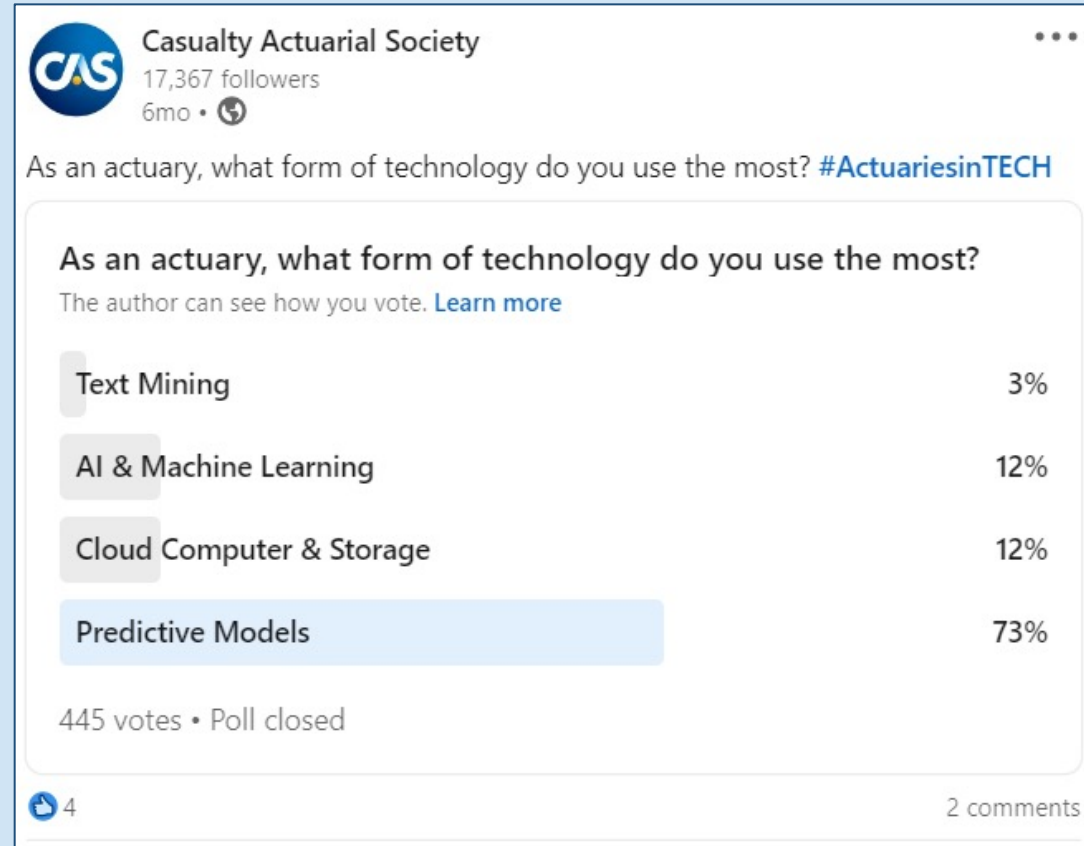
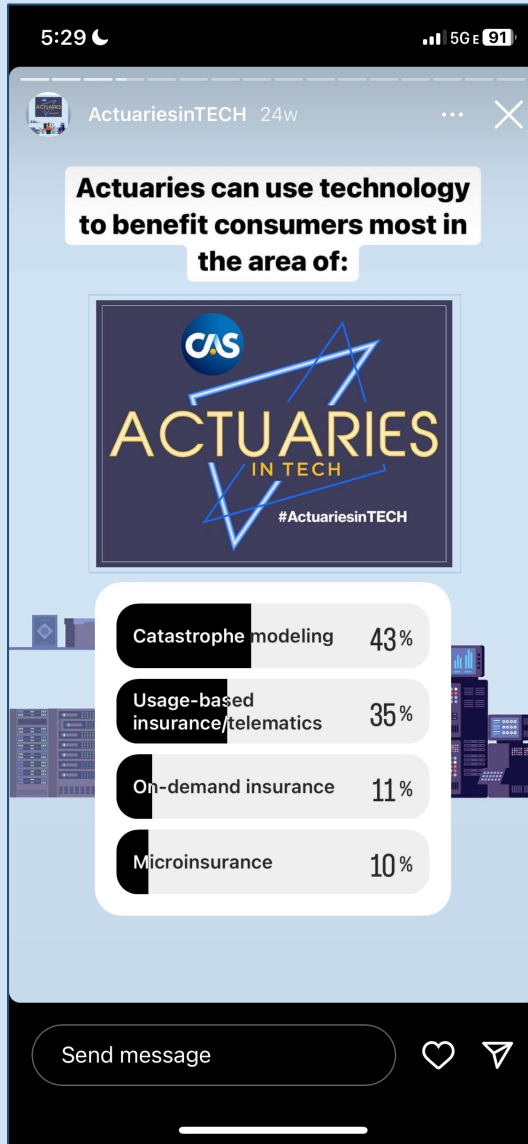
**Member
Profiles**

**Instagram
Live Q&A**

**Community
Engagement**



Community Engagement – LinkedIn and Instagram Polls



Campaign Elements

Kickoff
Announcement

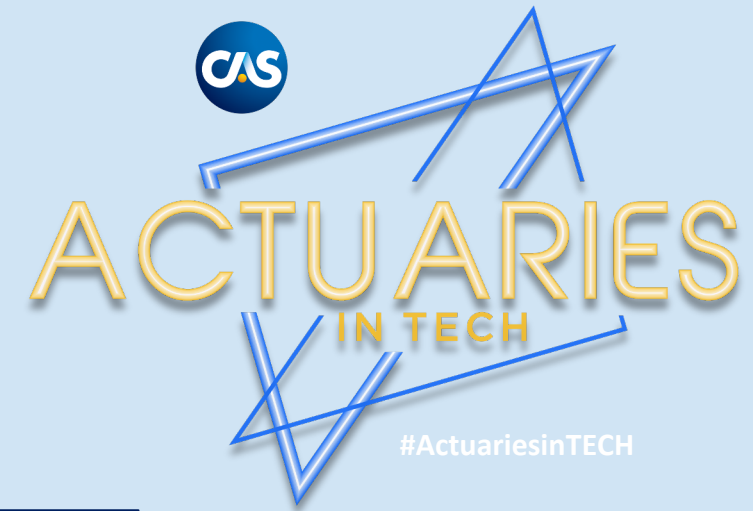
Blog Posts



Member
Profiles

Instagram
Live Q&A


Community
Engagement

Community Engagement – Network Sharing




 **Marcela Granados Lavoie** • 1st
Global Insurance Leader at Databricks
Reshared from Casualty Actuarial Society • 6mo • 

I am honored and humbled to be featured in the Casualty Actuarial Society social media campaign #ActuariesinTECH. Being an actuary brings a lot of credibility to my role at Databricks . I enjoyed learning about what other actuaries d ...see more



"My actuarial knowledge building all insurance as example, our actuarial accelerator provides better increased productivity, cost infrastructure cost and simplification exploration all while ensuring our actuarial principles"

Marcela Granados, FCAS, Global Insurance Leader, Databricks



 **CyberCube**
10K followers
5mo • 

CyberCube's very own Jonathan C. explains to the Casualty Actuarial Society what it's like working as an actuary at an innovative tech company.

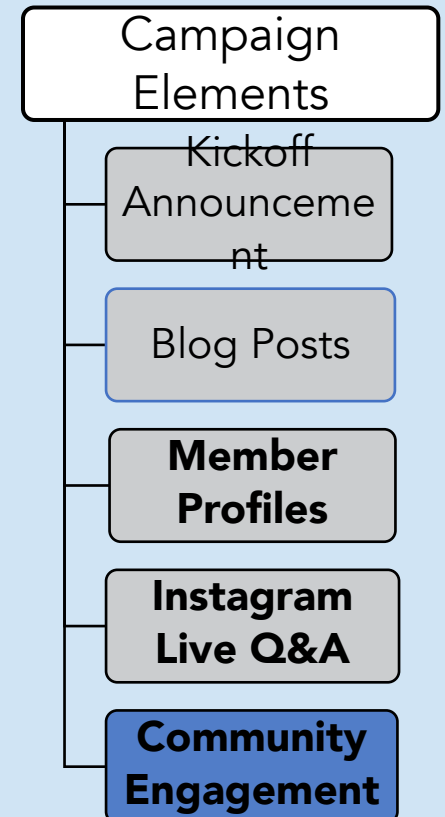
Casualty Actuarial Society on LinkedIn: #ActuariesinTECH
<https://hubs.ly/Q01hn9lj0>



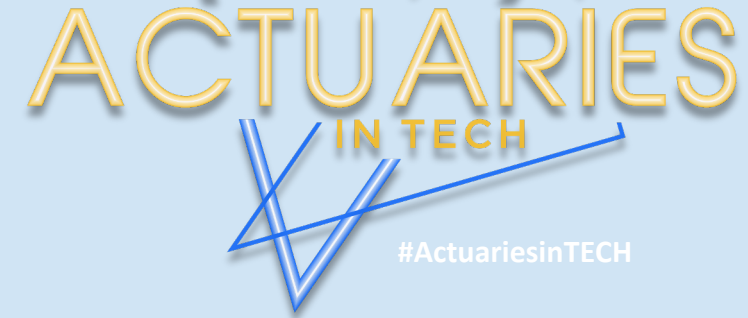
"Actuaries bring a level of intellectual rigor, robustness in approach, and stakeholder management that is quite unique in the tech space."

Jonathan Choi, FCAS, Principal Consultant, CyberCube

 #ActuariesinTECH



Community Engagement – Campaign Longevity



Kevin McBeth, FCAS, MAAA • 2nd

Senior Actuary at Coherent

5mo • 🌐

+ Follow ...

Kathryn (Katie) Koch, FCAS, MAAA and I are going to propose an #ActuariesInTech Panel Discussion for the Casualty Actuarial Society 2023 Ratemaking, Product, and Modeling Seminar in San Diego, CA. As we prepare our proposal, we'd like to know if there are any specific folks in tech you think would be great panelists to join us on stage and any specific topics you would like us to cover. Please let us know if the comments below.



27



Aaron Wright, FCAS, CPCU • 2nd

Insurance Executive - specializing in pricing, a...

5mo • 🌐

+ Follow ...

Excellent opportunity for an insurance industry expert at Earnix. Let me know if you want to chat and get the inside scoop! #earnix #actuaryjobs #ActuariesinTech

Head of Professional Services - North America

earnix.com • 1 min read

Campaign Elements

Kickoff
Announcement

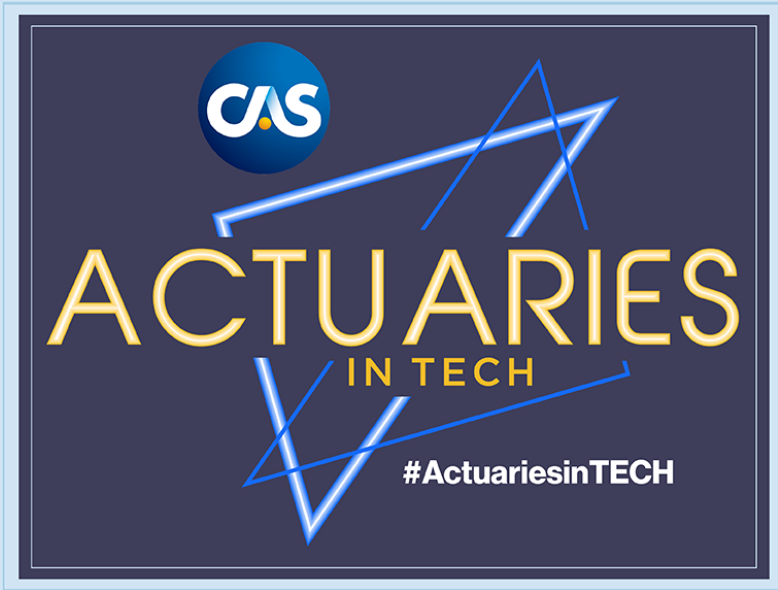
Blog Posts

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**Instagram
Live Q&A**

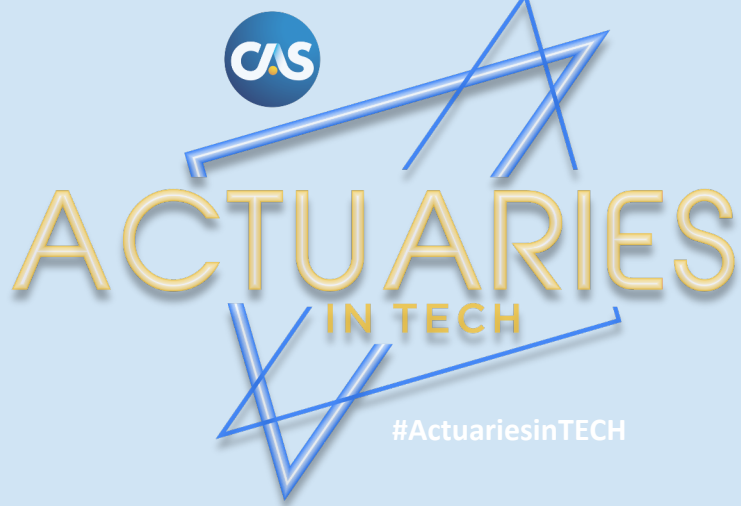
**Community
Engagement**

Campaign Results



*LinkedIn Data Compared with Previous Year's Campaign
(Actuaries in Community)

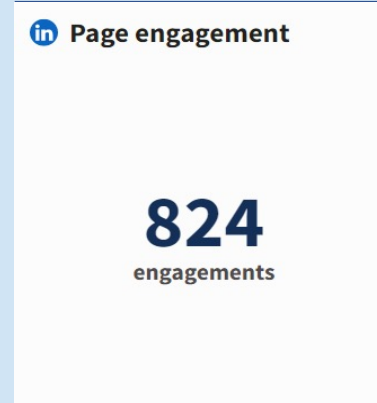
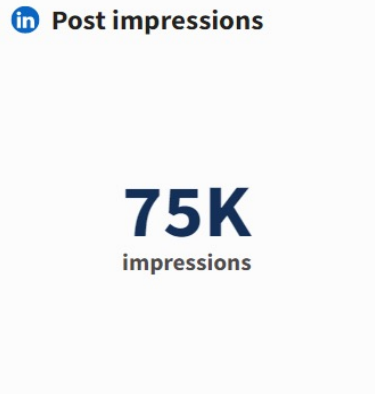
- Successful Stats:
 - 134.7% Increase in LinkedIn Post Impressions*
 - 222% Increase in LinkedIn Post Clicks*
 - 167% Increase in LinkedIn Page Engagement*
 - 161.4% Increase in LinkedIn Page Reactions*
- Hashtag longevity – hashtag has since been used by members organically for job postings, member conversations and presentations.
- Inspired continuing education sessions at CAS meetings:
 - *Town Hall: Actuaries and Technology*, 2022 CAS Annual Meeting (November 2022)
 - *Actuaries in Tech Panel Discussion*, 2023 CAS Ratemaking, Product and Modeling Seminar (March 2023)



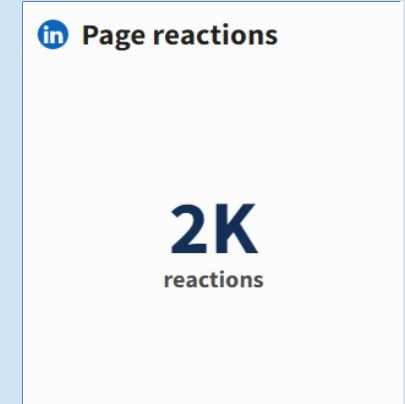
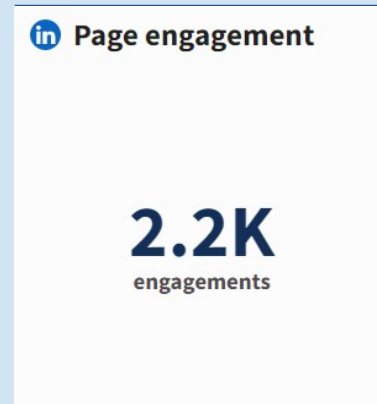
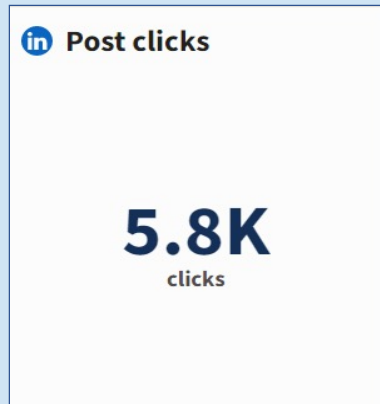
Post-Event Data

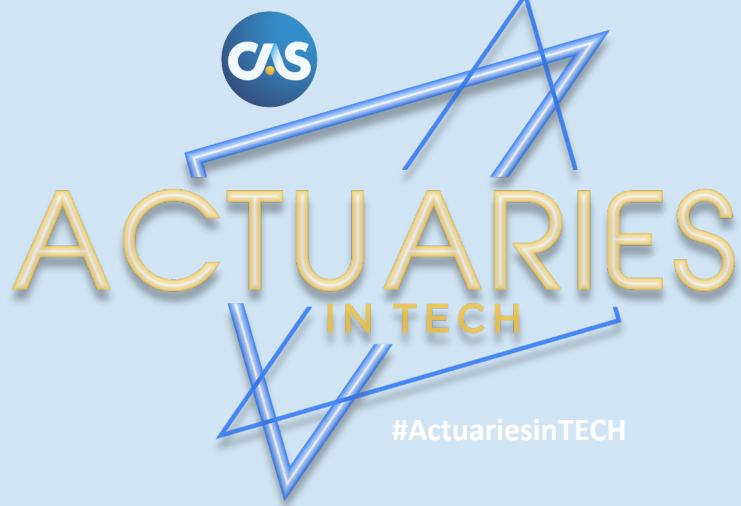
LinkedIn Data Compared with Previous Year's Campaign
(Actuaries in Community)

2021



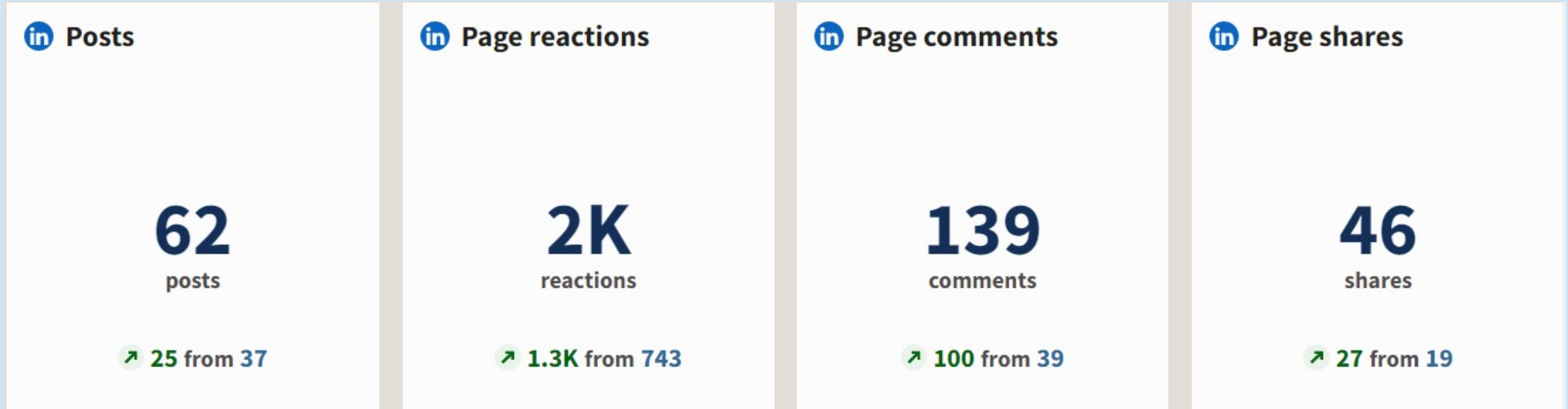
2022

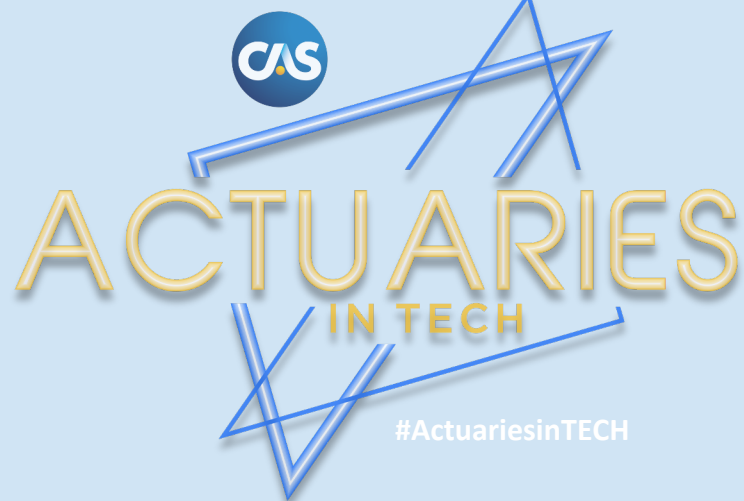




Post-Event Data

LinkedIn Data Compared with Previous Year's Campaign
(Actuaries in Community)



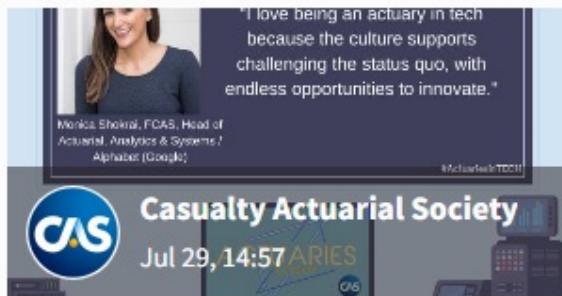


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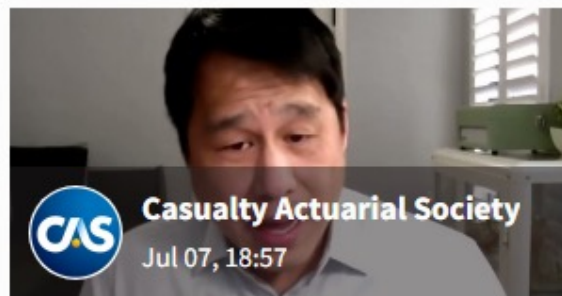


Top Performing Posts

in Top posts



Today's #ActuariesinTECH feature is Monica Shokrai, FCAS, who is the Head of Actuarial Analytics & Systems at Alphabet (Google).
282 reactions



For today's #ActuariesinTECH feature hear from CAS Fellow Frank Chang, head of core services operations at Liberty Mutual.
175 reactions



Today's #ActuariesinTECH feature is Matthew Duke, ACAS, who is the chief actuary, head of global actuarial & services, Xcelerate.
161 reactions

in Post impressions

176K
impressions

in Page impressions

170K
impressions

