The Exponential Actuary™
Defining the future of the actuarial profession in a digital world

In today's world, technology redefines the future of work, creating or altering jobs and transforming professions. Organizations that act quickly can keep from lagging behind their competition by taking steps to ensure they are operating at full potential. Deloitte's Exponential Actuary™ suite of services and solutions helps companies leverage their actuarial functions to achieve greater business insights and higher value across the organization.
How Deloitte can help

Management requires new and greater insights faster than ever before to keep pace with rapid changes across industries, and today’s actuaries are under increasing pressure to provide them. However, many of the tools and processes they use do not support these high expectations.

Deloitte’s Exponential Actuary™ services and solutions can transform the actuarial profession, leading to improved productivity and performance, more relevant insights, and a focus on driving business outcomes rather than performing repetitive, manual tasks.

Bringing holistic transformation to life

As organizations transition to the future of work, we find that work, workforce, and workplace are the three dimensions of holistic transformation. With our workforce transformation framework, we can help you explore each of these dimensions in depth for your actuarial function, as well as develop a strategy and implementation approach to reimagine and redesign work. Our “pixilation” approach decomposes jobs to a granular task-level to identify targets for automation and augmentation using technology. Jobs are then recomposed, enabled by technology, so that actuaries can focus on higher-value work and more strategic outcomes.

We also help change the way organizations access, engage, and develop actuarial talent, from traditional employees to the increasing range of contingent alternatives. Grounded in the desired changes in work and work outcomes, this approach to change empowers organizations to imagine the future talent they need, assess the skills and capabilities they have, and curate programs to close gaps by developing the necessary skills. By doing so, individuals, workforce segments, and organizations move toward achieving their full potential, creating a more fulfilling and meaningful work experience for the workforce.
Our approach brings this holistic transformation to life through the following components:

**Actuarial Workforce Options**
Our workforce options help organizations implement innovative staffing concepts using on- and off-balance sheet resources that cover the entire talent continuum. This includes global and domestic consulting professionals, gig-economy workers, and crowdsourcing solutions leveraging Deloitte’s PixelTM platform.

These workforce solutions, including Deloitte’s own consulting professionals, help you augment in-house actuarial and data science resources, free staff to address disruptions, and add resources in the event of attrition.

**Proprietary Tools and Solutions**
We have developed tools and solutions, based on technologies such as robotic process automation (RPA) and machine learning, to support actuarial work and generate deeper insights to improve your organization’s performance. These tools can be scaled and customized to streamline and automate actuarial processes, perform first-level analyses, and provide trends and insights across applicable industries.

**Exponential Actuary™ Lab**
Whether your organization is ready for large scale transformation, has ideas for specific proofs of concept, or is just interested in learning more, the Exponential Actuary™ Lab helps guide organizations to their future-state vision of the actuarial function. The lab can be from one to three days in length and can be customized based on your needs to help drive outcomes.
Let’s talk

Learn more about how your business can benefit from Deloitte’s Exponential Actuary™ solution. We’re here to help.

Darryl Wagner
Principal
Deloitte Consulting LLP
dawagner@deloitte.com

Tony Johnson
Principal
Deloitte Consulting LLP
tojohnson@deloitte.com

Alex Panayi
Partner
Deloitte UK
apanayi@deloitte.co.uk

Caroline Bennet
Partner
Deloitte Australia
cbennet@deloitte.com.au

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