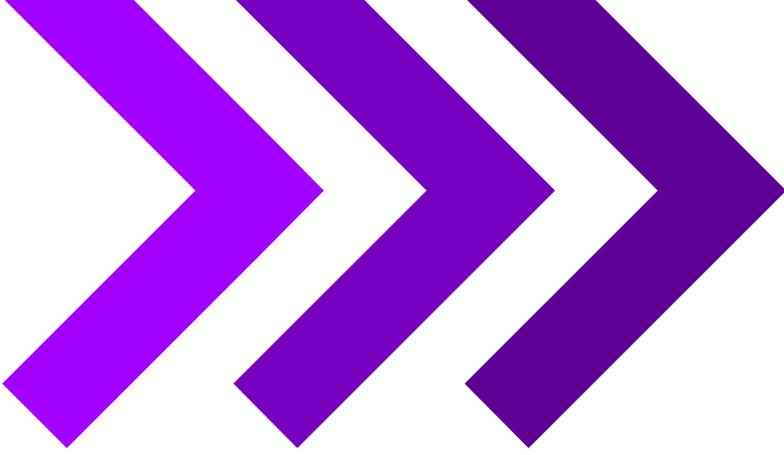


INNOVATION CENTER FOR

**FINANCE  
& RISK**





# CONCENTRATED SPECIALISTS, **ACCELERATED DELIVERY**

**With new technologies proliferating, even the largest and most sophisticated financial institutions seek the speed, scale and specialized knowledge needed to develop and implement new solutions at a pace that addresses the rapidly changing market environment and continuing regulatory pressure.**

Data lies at the heart of most of the finance, risk and regulatory challenges facing banks and insurers. New technologies and approaches have the potential to deliver dramatic improvements in areas including control, security, resilience and insight.

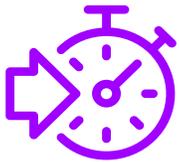
Financial services firms are working hard to harness the potential of new technologies and have a keen eye on their inherent possibilities for cost reduction. In this environment, however, opportunities for implementing cutting edge technologies, such as data and platform engineering, modeling, analytics, machine learning and artificial intelligence, can become pipe dreams unless acted upon quickly and effectively.

The Accenture Innovation Center for Finance & Risk is a place that allows bank and insurance executives to turn those dreams into reality. The center has a laboratory of specialists (Accenture data scientists, technologists, and industry subject matter specialists) and technology assets which create an environment for deep collaboration, new ways of thinking and hands-on implementation. The resulting innovations have helped our clients evolve from capturing business intelligence to implementing an “intelligent business” that can drive transformative outcomes.

“Opportunities for implementing cutting edge technologies can become pipe dreams unless acted upon quickly and effectively.”

# THE CENTER PROVIDES

## ACCELERATED RESULTS



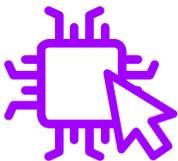
From one center staffed with specialists, the newest in technology and deep knowledge of industry preferred practices, we deliver highly innovative and value creating results on an accelerated basis using an operating model that leverages and exploits the differences between experimentation, scale, and industrialization.

## ON SITE SPECIALISTS AND SKILLS



We have assembled specialists from across all disciplines: data scientists, platform and data engineers, statisticians, neuroscientists, analytic and data visualization professionals, and the leading business subject matter specialists (SMSs).

## TECHNOLOGY ON DEMAND



We have developed a set of powerful reusable technology assets and have created professional partnerships with key technology leaders and new Fintech (financial technology) startups, to create a center with the latest in advanced technology.

# OUR THREE PRIMARY AREAS OF FOCUS

## INSIGHTS

**We mobilize massive sets of data to create new ways to visualize, understand, and manage regulatory and business challenges in new and innovative ways.**

We can help banking clients understand the impacts of their credit risk stress scenario data by leveraging visualization techniques and interactive geo map analysis. Filters and dimensions allow a client to adjust variables to view business case scenario results as easy to understand insights.

## APPLICATIONS

**We have developed a set of reusable and customizable applications unique to the banking industry, which address the core regulatory and technology challenges our clients face.**

Our Universal Metadata Repository is one example: this tool can combine any assortment of data management tools, providing a unified data lineage and data quality view. With its social media-type feed, it can also generate real-time data quality alerts to data management resources.

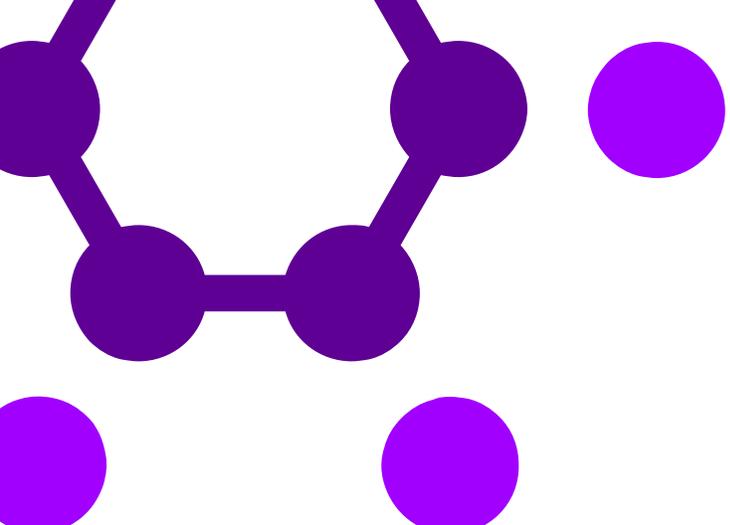
## PLATFORM AND DATA ENGINEERING

**We help clients build and transition to next-generation platforms to accelerate delivery of data and analytics solutions.**

We engineer integrated data platforms to support data management, model management and execution, machine learning, and artificial intelligence capabilities. Our reference implementations provide for the unique agility and transparency requirements specific to financial services.

We rapidly implement derived data sets in these next generation data platforms. Our accelerators include Apache Spark™ and Python™ based data pipelines, target data structures, and conversion templates required for supporting intelligent customer, finance, and risk capabilities.





# HOW ACCENTURE CAN HELP

**The Accenture Innovation Center for Finance & Risk develops specific bank-centric solutions to address issues and help lower total operating costs. These include:**

- Data visualization
- Big Data platform delivery
- Artificial intelligence (AI), machine learning and analytics
- Python™ and Spark™ Conversion Tool
- Intelligent lineage
- Agile analytics proofs of concept
- Capital adequacy analytics (Comprehensive Capital Analysis and Review)
- Expected loss analytics
- Market risk analytics (Fundamental Review of the Trading Book related)

With our concentration of industry and technology specialists and the resources of a global consulting firm, we are confident in our ability to deliver value, quickly and at scale, in any situation. In one location, the Innovation Center for Finance & Risk combines deep specialization and knowledge in Finance and Risk with innovative tools and technologies, focused research and agile delivery methods, all integrated across multiple functions, to seek desired outcomes.

**To learn more and explore our capabilities, visit the Accenture Innovation Center for Finance & Risk:**

**[www.accenture.com/ICFR](http://www.accenture.com/ICFR)**

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## ABOUT OUR GLOBAL NETWORK OF INNOVATION CENTERS

The Innovation Center for Finance & Risk is part of a global network of Innovation Centers. The network focuses on developing solutions for data management, data engineering, advanced analytics, artificial intelligence and reporting to solve problems across Finance, Risk, Compliance and Resilience. Other hubs are located in Ireland, the UK, Italy, Poland and India. To learn more about our global capabilities, visit [www.accenture.com/financeandriskanalytics](http://www.accenture.com/financeandriskanalytics).

## ABOUT ACCENTURE

Accenture is a leading global professional services company, providing a broad range of services and solutions in strategy, consulting, digital, technology and operations. Combining unmatched experience and specialized skills across more than 40 industries and all business functions – underpinned by the world’s largest delivery network – Accenture works at the intersection of business and technology to help clients improve their performance and create sustainable value for their stakeholders. With more than 394,000 people serving clients in more than 120 countries, Accenture drives innovation to improve the way the world works and lives. Visit us at [www.accenture.com](http://www.accenture.com).

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