



CASE STUDY: THE FRACTAL ANALYTICS ADVANTAGE

**How Customer Genomics helped
Franklin Templeton Investments
generate \$600 million in new assets**



Winner of ANA Genius Award
for Digital Marketing Analytics

Company Background

Franklin Templeton Investments (FTI) is one of the world's largest asset managers, selling mutual funds to investors through financial advisors (FA). One of FTI's chief goals is to increase overall market share in an industry that is rapidly evolving with the demand for new products, a shift to fee-based business models, and more recently, the emergence of robo-advisors, and numerous regulatory changes. FA's are challenged by this dynamic, highly competitive marketplace and have begun to adopt new digital channels to gain access to fund and market information. Engaging them meaningfully and serving their needs in this omni-channel world is critical to their retention.

The Challenge

In this changing competitive landscape, it's imperative to influence the investment decision of the FA at the right time, with the right sales and marketing intervention, and with the right information for their business needs to grow FTI's share of wallet. How do we better understand the behaviors, preferences, and needs of FA's on a more personal level? How do we best communicate information about relevant products in the right message and channel? How can Franklin's interactions with them provide maximum value, while simultaneously improving their level of digital engagement?

The Solution



FRANKLIN TEMPLETON
INVESTMENTS

To better serve the needs of its financial advisors, FTI partnered with Fractal Analytics to deeply understand FA's by

creating 'Advisor Genomics®' proprietary machine learning algorithms. This enabled Franklin to transform its digital strategy and increase the company's ability to leverage analytics and machine-learning algorithms as a competitive advantage by increasing message relevance across all digital channels, and providing actionable insights that add day-to-day value for sales and marketing engagement with FA's.

Advisor Genomics leverages machine-learning and pattern-matching algorithms to develop a comprehensive understanding of FA's by using granular historical data to generate an output set of personalized 'FA genomic labels.' These labels are probabilistic scores indicative of

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— Jennifer Ball, SVP Global Product Marketing & Insights, Franklin Templeton Investments

future propensities to transact and interact, and are also self-learning and adaptive, updating every new data point in an automated manner.

Rather than rely on a traditional RFM segmentation-based framework, Advisor Genomics was developed with the belief that customers 'are what they engage with, and how they react to those engagements.' This deep and adaptive understanding enables hyper contextual and personalized interactions with FA's by delivering the right message through the right channel at the right time.

The Results

FTI's 'Advisor Genomics' personalized behavioral and contact strategy system developed by Fractal Analytics resulted in:



26%

Sales increased in past year



\$600 MM

New assets generated



82%

"Thumbs up" favorability score among advisors

Insights

- By combining customer genome predictions with product attribute matching, Fractal Analytics helped FTI profile potential advisors with laser precision so they could recommend the company's products to their clients.
- Advisor Genomics identified additional leads to target for higher sales, as well as seasonal behavior in advisor purchases.

Innovation

- Advisor Genomics identified influencers within a specific firm who had the greatest potential to significantly increase sales.
- Advisors most likely to be active on social media channels were predicted and pro-actively engaged.

“This new marketing channel, combined with the new analysis and the analytics that we get from it, is really helping us expand our practice and reach clients that we wouldn’t have been able to reach otherwise.”

– David McSpadden, Chief Marketing Officer

Impact

- Fractal identified 13.2K sales leads with a 65% success rate
- Insights generated 1,300 incremental leads that garnered \$600 million in assets under management

Results featured in the ANA Genius Award Video produced by FTI

<https://www.geniusawards.com/a/page/winners/winners-2015>

The Implementation

In order to establish a truly adaptive customer intelligence platform to meet FTI’s objectives, Fractal Analytics led the team to develop and implement the following protocol:

Harmonizing data

- Integration of asynchronous data from various sources to enable the efficient measurement of sales impact of multi-channel interactions, including:
 - o Email campaigns data
 - o Social media data
 - o Web visits data
 - o Event data
 - o Online simulation request data

Understanding FA behaviors

- Attributes were created for 350K advisors across the U.S.
- Measuring FA interactions across various digital channels
- Estimates were generated on the impact of multi-channel interactions on customer sales, transactions, and conversions

Optimizing FTI's interaction strategy

- An optimum sequence of digital and non-digital interactions (calls, visits) were identified for each FA based on:
 - Contact Strategy Genome Markers
 - Channel Preference
 - Digital Engagement
 - Channel Sequence
 - Message Response
- Optimal contact channels for sales interactions were established for 90K of the advisors

“Ultimately, we are striving to really build and define and improve an ongoing conversation with our customers and really optimize and deepen our relationship with them.”

– Kate Biagini, Manager, Analytics

Customer Genomics 'Genome Markers' enable real time customer intelligence and engagement

Customer Genomics uses all available signals from each individual consumer across digital channels to build predictive artificial intelligence algorithms to create markers that predict the likelihood that specific consumer will respond to digital actions. This approach varies from traditional targeted segmentation in it's ability to predict future behaviors, attitudes and preferences in an adaptive way where the models are automatically updated with each consumer action.

Individual digital actions provide input signals



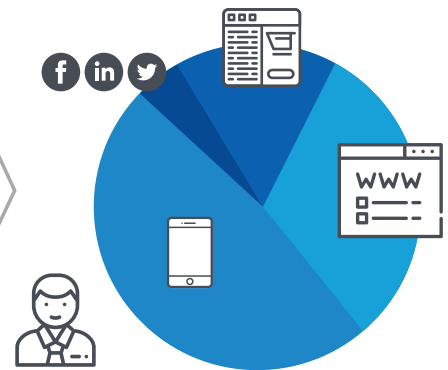
User A's digital behavior is tracked

Signals are processed through advanced algorithms



With each consumer transaction and interaction, Customer Genomics processes and dynamically updates this information through advanced algorithms

Digital engagement markers generated



It then uses this information to best estimate future behaviors, attitudes and preferences for optimal digital interactions with User A

An interview with Jennifer Ball, SVP Global Product Marketing & Insights, Franklin Templeton Investments



The Fractal team became an extension of our team. They are smart, collaborative and really fun to work with.

– Jennifer Ball, SVP Global Product Marketing & Insights, Franklin Templeton Investments

Q: Which strategic business objectives does analytics support for Franklin Templeton?

JEN: At Franklin Templeton, our objective is to help investors achieve their goals with confidence so they can create a better future. Analytics plays a key role in helping us help our clients. For example, analytics helps us connect in a relevant way with the financial advisors who recommend our solutions.

Q: What impact has analytics achieved in driving success for these objectives?

JEN: We partnered with Fractal to implement an adaptive customer intelligence program called “Advisor Genomics” to transform our contact and digital marketing strategies. Genomics helps us determine which advisors to contact, how to contact them, and what to discuss.

Q: Give us a peek under the hood of ‘Advisor Genomics.’ How does it actually work?

JEN: The analogy to genomics works well as we are really trying to understand the business DNA of a financial advisor. We leverage machine learning and pattern matching algorithms on historical data to identify individual genome markers – from channel preferences and message response to purchase propensities, and the experience they have had with our solutions.

Q: What actions are these ‘markers’ specifically used to drive or advance?

JEN: We use these markers for lead generation, to identify relevant conversation topics for use by our sales force, and for our digital marketing efforts. Each activity and response feeds back into our models. The goal is to have an environment where sales and marketing are equipped to engage with financial advisors in a way that speaks directly to their preferences and needs.

Q: What role has Fractal played in furthering your analytics goals?

JEN: The work we did with Fractal was recognized by the ANA for the Genius Award in Digital Marketing Analytics. Fractal is a great partner that has helped us advance our analytics practice. They invested in learning our industry, our business, our company and our people. They contributed a level of analytics experience and expertise that allowed us to move much more quickly than we would have been able to do on our own.

Q: What do you appreciate most about working with Fractal?

JEN: The Fractal team became an extension of our team. They are smart, collaborative and really fun people to work with.

About Fractal Analytics

Founded in 2000, Fractal Analytics is a strategic analytics partner to the most admired Fortune 500 companies globally and helps them power every human decision in the enterprise by bringing analytics & AI to the decision-making process.

Fractal has built several cutting-edge AI product startups within its ecosystem across industries, including:

- Qure.ai to transform how radiologists make diagnostics' decisions. Qure's qXR solution is the first AI-based Chest X-Ray interpretation tool to receive CE certification. Qure's recently-launched qER solution for interpreting head CT scans has been proven to have more than 95% accuracy in identifying abnormalities.
- Cuddle.ai to transform how executives make tactical and operational decisions. Cuddle automatically alerts users on what they need to know about their business and allows them to ask questions about their business in natural language.
- Trial Run to improve strategic and operational decisions. Trial Run is a cloud-based experimentation platform that enables companies across verticals to test, measure and refine strategies before rollout.

Fractal has more than 1,200 consultants spread across 15 global locations including the United States, UK and India. Fractal has been featured as a leader in the Customer Analytics Service Providers Wave™ 2017 by Forrester Research, a Great Place to Work by The Economic Times in partnership with the Great Place to Work® Institute and recognized as a 'Cool Vendor' and a 'Vendor to Watch' by Gartner.

For more information: <https://fractal.ai/>

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