

addactis Pricing Game

Bring theory & practice together



addactis® Pricing Game aims to help Pricing Practitioners to get a general vision of an end-to-end pricing workflow, understand the role of the pricing actuary in the insurance business and apply actuarial theory to quantify financial risks in an insurance

addactis® Pricing Game's Program

Most of the time, the competition is divided into two main parts spread over two days: first, the computation of a technical price using Generalized Linear Models (GLMs); second, a commercial price definition implementing a simulation-based methodology.

How we design our 2-days format Pricing Agenda:

Day 1: Kick-off, Introduction and Launch of the Pricing Game

Part 1

Kick-Off

- Presentation of the event and the agenda
- Presentation of Addactis, its mission and its range of solutions
- Context of the market under study
- Motivations and objectives of the Pricing Game

 40 mins

Part 2

Introduction, experience with GLMs, review

- Why do we need GLMs? What do we know so far from different markets?
- Why is it more beneficial for the bottom line to implement a more segmented pricing?
- Focus on specificities of the market under study (regulation, rating factors, data)

 80 mins

Part 3

Practical aspects and Pricing Game launch

- Presentation of the Pricing Game and addactis® Pricing
- Policies and claims information analysis
- Data structure and modeling requirements
- Data segmentation
- Large claim analysis
- Frequency, severity and pure premium analysis
- Time consistency
- Univariate analysis, detection of interactions, and correlations
- Pre-modeling data treatment

 100 mins

Part 4

Pricing Game Setup – interactive session

- Data segmentation
- Large claim analysis
- Frequency, severity and pure premium analysis
- Time consistency
- Univariate analysis, detection of interactions, and correlations
- Pre-modeling data treatment

 120 mins

addactis® Pricing Game's Program

Day 2: GLM modeling, Premium consolidation & Loss projection, Model selection and Delivery of results

GLM modeling (interactive session)

 120 mins

Part 1

- How to read GLM outputs in Pricing
- Review of exponential family and multiplicative structure
- Interactive modeling session with addactis® Pricing

Introduction, experience with GLMs, review

 100 mins

Part 2

- Rating structures consolidation: projection assumptions and premium formulas
- Reporting: Plan performance and dislocation analysis
- Performance metrics
- Overall Pricing process review

Practical aspects and Pricing Game launch

 120 mins

Part 3

- Presentation of the Pricing Game and addactis® Pricing
- Introduction to Price Optimization
- Rating strategy selection
- Delivery of results

*****This program can be modified according to your needs.***

**Would you like to know more about
addactis® Pricing Games?**

**Feel free to contact us, we'll be happy to hear
from you!**

[I wish to be contacted](#)

addactis® Pricing

Moving beyond pricing to shape future growth and profitability

addactis® combines the knowledge and expertise of the insurance sector with a high level of analytics embedded in our software to transform risk and complexity into opportunities to improve insurance operations.

Because underwriting is the heart and beginning of your success, our Pricing solution drives you to the top of the art of underwriting. Catching market shares in a hard competitive and innovative world requires top class tools to balance growth and profitability: thanks to addactis® Pricing solution, monitor your competitive positioning. Data preparation, pure premium and commercial premium valuations, customer behaviour... Our addactis® Pricing solution covers the global value chain of your technical underwriting process



More about addactis® Pricing?

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