

Meet the Trainers:

ReSource Pro & SIGMA Actuarial Consulting Group



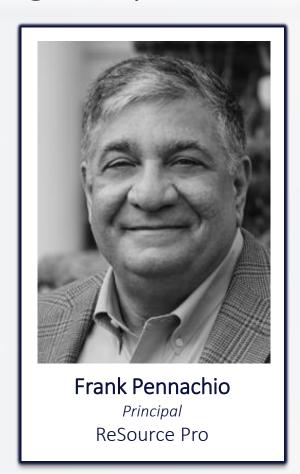
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Introductions & Agenda



Addressing the Unique Needs of Large Sophisticated Accounts

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WorkShop Session 1

3 Hours

Leverage Data Analytics with the Disruptive Selling™ Process

Introduction to Analytics:
When and how can I start
utilizing analytics in my
accounts?

The 5 Objectives MeetingTM

The Risk Assessment Meeting™ and the Data Analytics Scorecard™

Self-directed Practice

WorkShop Session 2

3 Hours Technical Training

Components of an Actuarial Analysis: What actuarial terms and methods do I need to know?

Review of Loss Sensitive Rating Plans

Creating and Using Loss
Projections: How can I use
existing data to project
future losses?

Self-directed Practice

WorkShop Session 3

3 Hour Technical Training

Advanced Loss Projection Topics: How can I help my client understand and use loss projections?

Negotiating Claims Administration Contracts

Creating and Using Reserve Analyses: When is a review of outstanding losses necessary?

Self-directed Practice

WorkShop Session 4

3 Hours Technical Training

Advance Reserve Analysis Topics: What is IBNR and how can it change over time?

Advanced Actuarial Topics: How can I maximize the benefit of analytics for my accounts?

The Presentation Meeting

Self-directed Practice

Training Series Overview

Our goal with this training program is to reinforce the necessity of analytics and show ways they can be used in relation to both pursuing and retaining clients.

We want you to feel comfortable enough with analytics to be able to confidently use them in your everyday work.



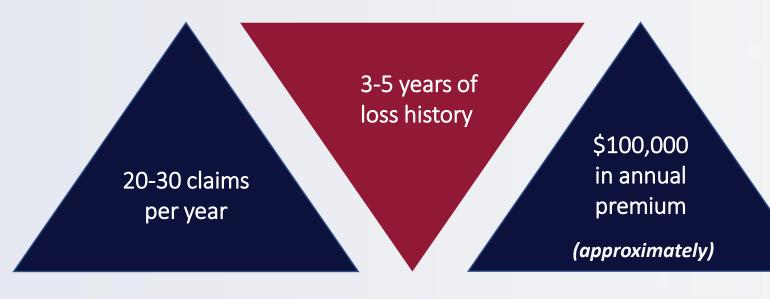


Why are analytics needed?

- Data sources are growing and becoming easier to access, meaning those who do not utilize them may be left behind.
- More than ever, C-Suite executives require key decisions to be driven by analytics.
- "Back of the napkin" calculations are no longer enough.

Where do I start?

"Right fit" accounts typically have the requirements listed below as a minimum:



Keep in mind that these are the lowest amounts needed, and clients with more data will require increasing amounts of analytics.





What data is needed?

Loss Data

Exposure Data

Premium Data

Program Information (Retentions, structure, etc.)





Obtaining Data

These data points will come from a variety of sources, so make sure you or your client understand what to ask for and where to obtain.





What analytics are needed?

Drill-down analytics

Benchmarking

Loss projections

Reserve analyses

Actuarial reporting





Analytic need by size

Premium Level

Analytic Need

\$500K and higher

SIGMA Analysis with Unique Triangles Recommended

SIGMA's actuarial studies provide estimates of both the expected losses and the confidence interval (a way to quantify the potential variability of losses), which are both necessary when selecting a retention level.

\$250K to \$100K

Loss Forecaster Recommended

For mid-size clients with sizable deductibles, but not necessarily a large volume of losses.

SIGMA Analysis Recommended

For clients with both a sizable deductible and a large volume of losses.

up to \$100K

LORAN Recommended

At this size, the client's losses may be too low to maximize the benefit of an actuarial analysis, but LORAN could provide critical insight into the details of a client's loss history. Note, an actuarial analysis may still be required for regulatory or financial statement purposes.



LORAN

RISK66 tool used to derive light, analytic insights

Sample Client Loss Run Summary - Claim Type Number of Claims By Type Totals Medical Only Other Indemnity Type Claims \$0 \$49,190,393 \$1,309,586 Losses \$47,880,806 Number of Claims by Period and Claim Type Indemnity Medical Only Incurred Losses by Period and Claim Type Period 01-01-2019 01-01-2018 01-01-2017 01-01-2014 01-01-2015 01-01-2016 Inception 12-31-2019 12-31-2017 12-31-2018 12-31-2015 12-31-2016 Expiration 12-31-2014 \$4,777,419 \$7,294,308 \$8,303,463 \$8,576,779 \$8,321,921 \$10,606,917 Indemnity \$293,586 \$191,295 \$206,190 \$206,625 \$245,916 Medical Only \$165,975 Other \$5,071,005 \$7,485,602 \$8,509,652 \$10,813,542 \$8,742,754 \$8,567,836



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Used as a starting point to drive discussion in conjunction with other options

Loss Reduction - Body Part

Back, a specific Body Part, has a large enough number of claims that it is worthy of further evaluation. Back will be broken down by other categories to give more insight on its claims.

Sample Client

Summary of Back

Total Losses: \$16,106,194

Breakdown by Cause of Loss

1 :6	ting	Eall Cli	Fall Slip Trip		e Collision	Straining		Other	
Claims:	3	Claims:		Claims:	200000	Claims:		Claims:	267
				Loss:	\$1,993,600	Loss:	\$1,251,678	Loss: \$2	2,909,772

Breakdown by Location

		CA		МО		NC	IL		GA		Other	
	Claims:	126	Claims:	26	Claims:	30	Claims:	32	Claims:		Claims:	
	Loss:	\$2,947,962	Loss:	\$1,168,331	Loss:	\$1,079,353	Loss:	\$933,437	Loss: \$	861,508	Loss:	\$9,115,603

Breakdown by Job Title



	Associate				Manager			
Claims:	581	Claims:	194	Claims:	42	Claims:	53	
Loss:	\$11,689,458	Loss:	\$2,876,671	Loss:	\$856,186	Loss:	\$683,878	

RISK • LORAN: Loss Run Analysis

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Communication

These suggestions can help serve as a guideline.

Above all, communication with the client will drive your analytic pursuits.



Case Study 1 - ABC Corporation



Prospective Client



Construction Industry



Primary line of work involves refrigeration needs for large scale factories



\$500,000 Average Annual WC Losses



\$1M - \$1.5M in Annual Premium





Case Study 1 - ABC Corporation

- Currently under SIR program
- Interested in evaluating other risk transfer/finance possibilities
- Relatively sophisticated in terms of data retention and organization

Case Study 1 - ABC Corporation

- Recently implemented improved safety procedures are reducing losses, but carrier is slow to recognize
 - Need ways to show this improvement analytically
- This type of client cannot be obtained without analytic knowledge and confidence

Case Study 2 - XYZ, Inc.



Current Client



Retail Industry



Primarily sells
outdoor
equipment in
locations across
Kentucky



\$50,000 -\$100,000 Average Annual WC Losses





Case Study 2 - XYZ, Inc.

Currently under GC program

Interested in pursuing ways to reduce their insurance costs This may include discussions on collateral

Unsophisticated in terms of data retention and organization

Payroll audit

Mod





Case Study 2 - XYZ, Inc.

If losses continue in current fashion and costs keep rising, likely to lose client as they pursue other brokers capable of making more convincing, analytic arguments on their behalf.

Clients such as this are at risk of being lost without analytic knowledge and confidence.





ConclusionReviewing Losses

Retain and review loss data over time

Compare results over similar timeframes

Quarterly

Annually

Provide insights into potential trends that may otherwise be missed





ConclusionBenchmarking

What comparisons are available?

Mods

Loss Development

Class Codes

How to implement/analyze?





Conclusion **Comparing Outcomes**

Frequency Trends

Severity Trends

How to drill deeper and determine root cause?





ConclusionCredibility

Conversation is vital

Remove asymmetry of information





