

Commercial Pricing & Portfolio Analytics

Three impossible things before lunch, with apologies to Lewis Carroll

David Ovenden



Commercial Pricing & Portfolio Analytics

- Challenges
- Ambition Statements
- Data Assets & Data Strategy
- The Answer v Decision Support
- Technology
- A Vision for the Future





The Challenge

"Three Impossible Things before Lunch"

- A Strategy for data
- Unpicking the technology
- Changing the culture

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Ambition Statements

"Every adventure requires a first step"

The Cheshire Cat, Alice in Wonderland

Ambition Statements

"Every adventure requires a first step"

Technical Pricing Underwriting
Decision
Support

Active Portfolio Management

Process Efficiency

Technology

Culture and Leadership

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Data Assets & Data Strategy

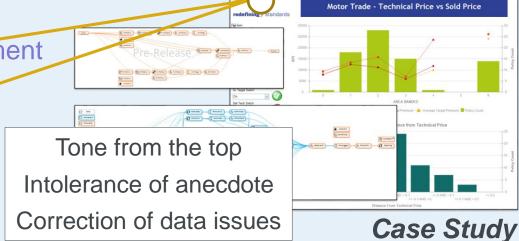
"Curiouser & Curiouser"

Alice, Alice in Wonderland

Data Actions

"I do not have enough data to build a predictive model"

- Align the past
- Fix the future
- Cross function data alignment
 - Global consolidation
 - External enrichment
 - Unstructured data



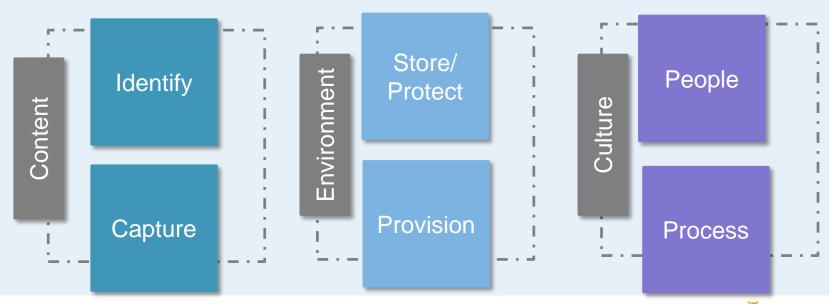
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Data Strategy

Breaking the cycle of poor data



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"It would be nice if something made sense for a change" Alice, Alice in Wonderland

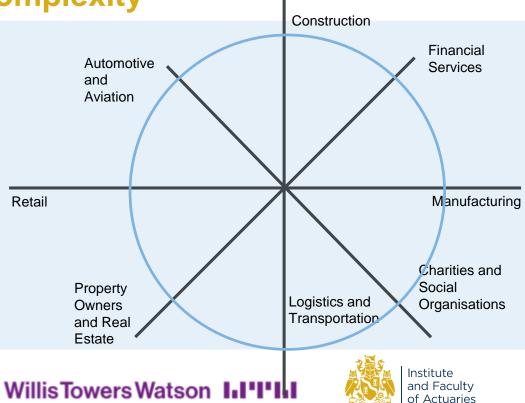
Automated Trade Footprints

Size is a poor proxy for complexity

Often SME or eTraded risks are defined by some simple one dimensional metric:

- Risks less than £10k
- Risks with less than 10 employees
- Risks that have less than a £1m in turnover

Plotting this against trade provides a circular automated footprint



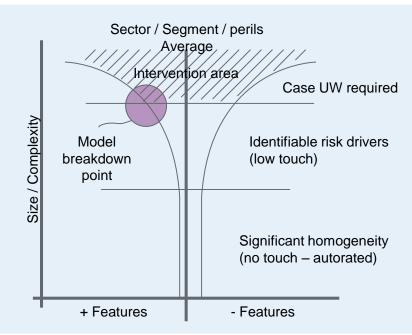
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Automated Trade Footprints

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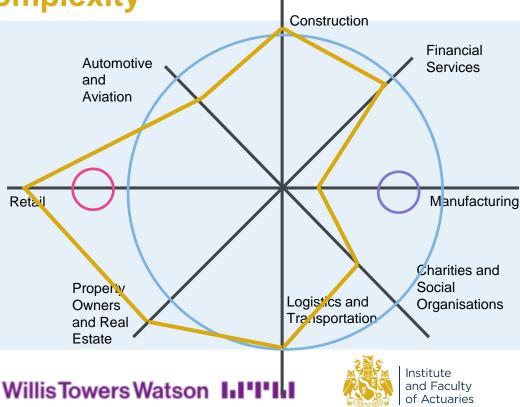
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Expanded Appetite Restrict

Restricted Appetite



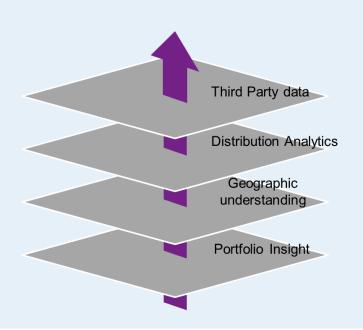
Enhanced Automated Footprint

Using scored layers to create granular segments

Using an increasingly wide range of internal and external data assets, it's possible to develop, test and deploy a range of models across the workflow process:

- Pricing
- Risk selection
- Structured interventions
- Routing
- Prioritisation
- Evaluation

These can be used to automate all or part of the business process or support human intervention with decision support

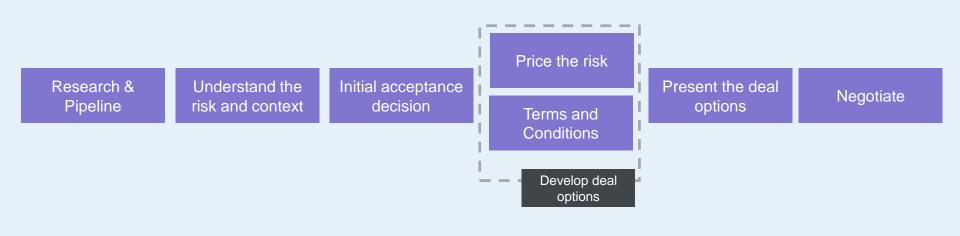


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The Underwriting Process

Providing support requires a process

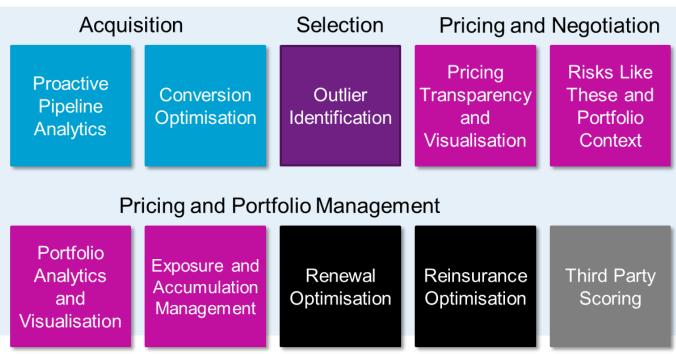


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Decision Support

Case Underwriting decisions in context



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The Underwriting Process

Example: operational models and decision support



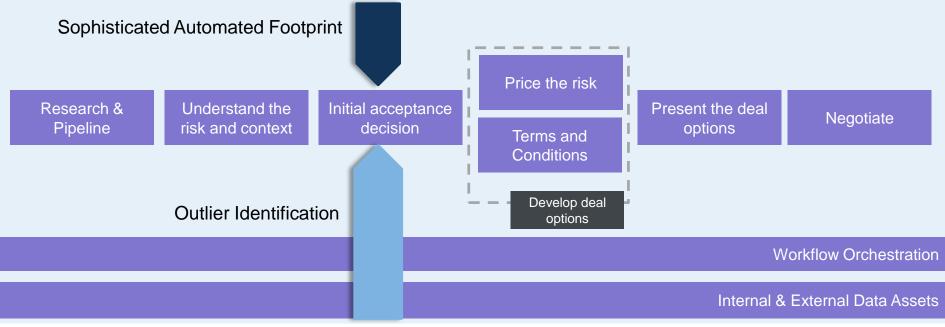
Internal & External Data Assets





Risk Selection Support

Example: operational models and decision support

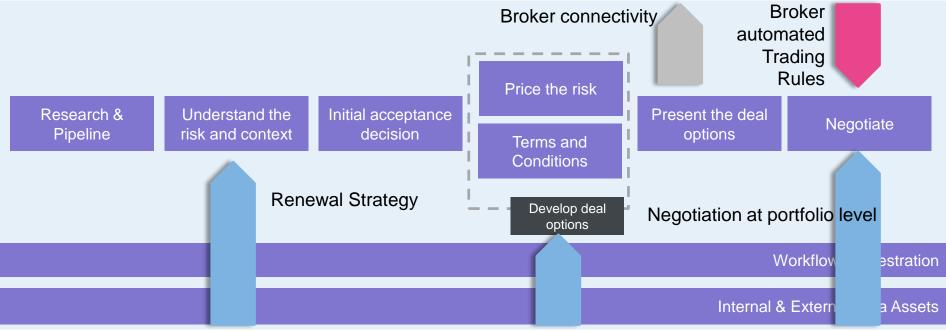


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Renewal Optimisation

Example: operational models and decision support

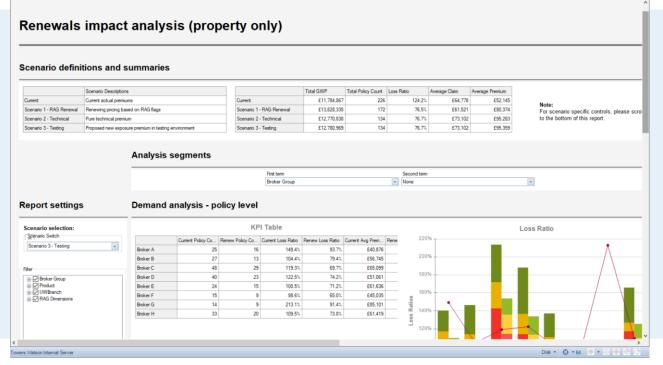


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Renewal Optimisation

Example: operational models and decision support

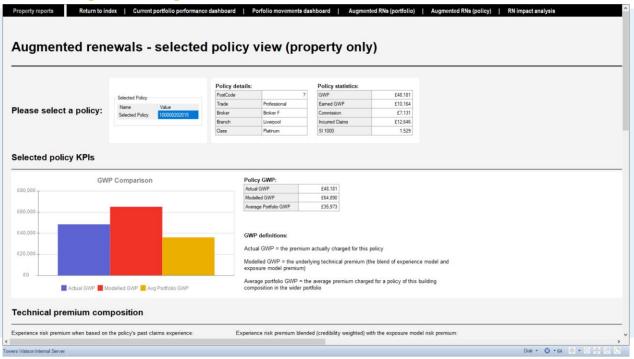


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Renewal Optimisation

Example: operational models and decision support



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"It's not done by everyone minding their own business" Alice, Alice in Wonderland

Connected Specialisms

UW Workbench	Data Ingestion	Broker API interfaces and Portals		eTrading / oftware house	Insurtech Distribution		
Interface and integration layer							Core system of record
Automated footprint				Decision	Operational Data Storage		Data Extraction and Storage Market Facing & Decision components Pricing and Analytics Hub
Industrialised planning a reporting		icy Admin System ystems of Record	/				
Broker dashboards				Engine	nal Data 'age		enabled solutions Data and Systems Integration
Renewal segmentatio	n 1	ct Analysis, Scena elling & Street Pric				,	
New business triage	Predic		Credit and oth		er TP data		
Active portfolio management	Mode	lling Scoring		S. San and Ot	II data		- ₹

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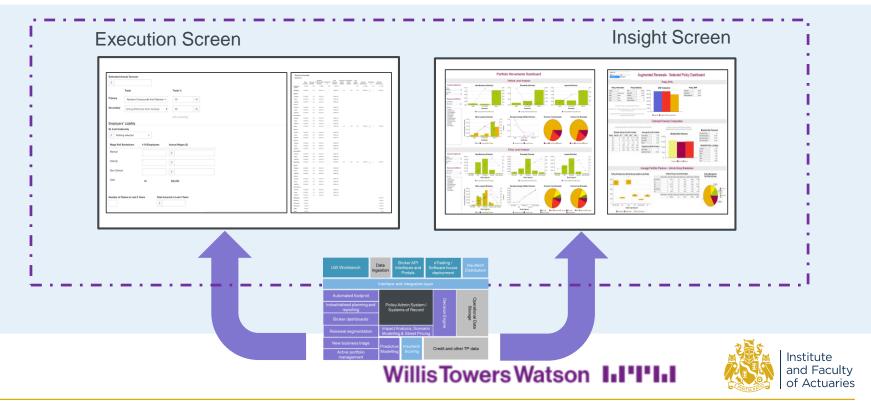


"That is impossible.....only if you believe it is"

Alice and The Mad Hatter, Alice in Wonderland

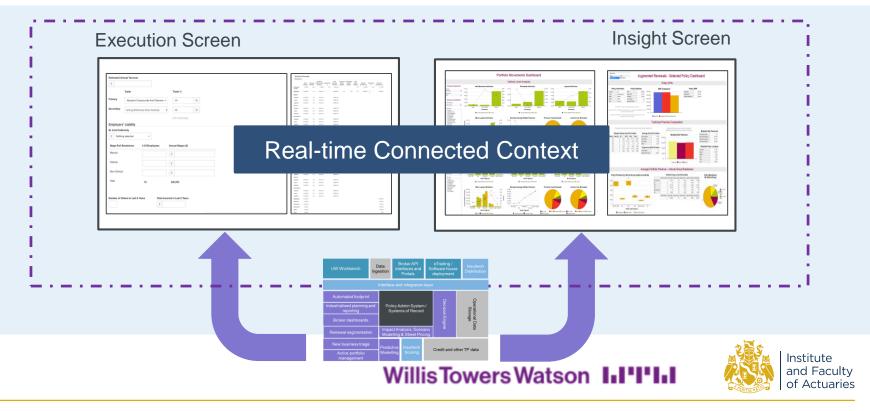
The Future

"That is impossible....only if you believe it is"



The Future

"That is impossible....only if you believe it is"





Questions

"...which way ought I go from here?"

Alice, Alice in Wonderland