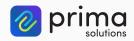


Make the right decisions with Prima Analytics





Turn your transactional data into actionable business insights and be a fully data-driven company

Benefits of Prima Analytics

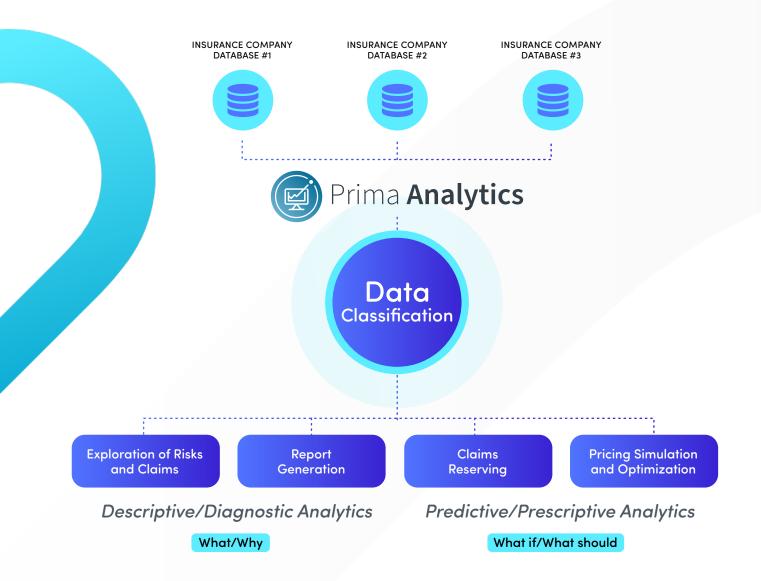
- Optimize the technical profitability of your insurance portfolios by:
 - Enhancing timely detection of profit and loss
 - Improving your accuracy, your underwriting rules, claims handling and reserving
 - Addressing fraud
 - Monitoring and anticipating current and future trends

- Object Sector Secto
 - Secured Cloud (SaaS) platform ensuring the latest features and seamless updates
 - Intuitive graphical user interface enabling easy usage of complex analytics features
- Simulate your business decisions and monitor your results
- Provide out-the-box insurance analytics to your organization, clients, partners and auditors

Suitable for Technical and Non–Technical Staff

- Business analysts
- Oata scientists
- Actuaries
- OW and claims managers
- → Management

We have been using Prima Analytics as a decisionmaking tool for many years. The feedback from our team members was immediately excellent. We have significantly improved the profitability of our activities and we had a return on investment in less than a year.



Prima Analytics allows the transformation of your transactional data into business decisions by using descriptive, diagnostic, predictive, and prescriptive insurance analytics. With our solution you become a real data-driven company.

Data Classification

- → Data cleansing
- ⇒ Data grouping and classification
- Data consolidation
- Data quality controls
- Over the second sec
- Possibility to export data corrections to core system

Improve your competitive advantage & technical margin

Risks & Claims Explorer

- Portfolio segmentation
- Portfolio exploration using pre-calculated insurance KPIs:
 - Loss ratio
 - Frequency of claims
 - Burning cost
 - Average cost of claims
 - Exposure
 - Sum at risk
 - Earned premium
- Olaims analysis
- Profit and loss detection with or without claims capping
- Trends analysis with moving average
- Graphical exploration with drill-down and drag and drop features
- Dashboard creation and customization

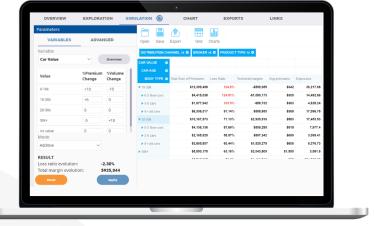
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Trend Analysis

Get better insights, make a real impact with your data

Report Generator

- ➢ Possible fraud detection reports
- ⇒ Data quality reports
- ⇒ Lists creation and export at risk and claim level (drill down)



Simulation

Pricing Simulation & Optimization

- Obange in pricing simulation (what-if)
- O Simulation with volume elasticity
- → Multi-dimensional analysis (taking into account correlation between pricing factors)
- Profitability improvement with target loss ratio (linear regression on loss ratio)



OVERVIEW EXPLOREATION © SHULLTON CHART EXPORTS LINKS Composition Compo
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▶ 0.2 New cars \$509,285 7,577 \$518 \$455 \$6% 1,77% 1,85% 2,02% 0,22%

Rate Adjustments

Claims Reserving

- Reserving calculation with triangulation (chain ladder, London chain...)
- Stochastic reserving methods
- IBNR estimation
- Audit track

Projection method	Period 1	Period 2	Period 3	Tell fector	
Average	1.2008	1.0136	1.0030	1,0010	
Geometric Average	1.2007	1.0136	1.0030	1.0010	
London Cham	1.2005	1.0136	1.0030	1.0010	
Maximum	1.2133	1.0156	1.0030	1.0013	
Median	1.2072	1.0136	1.0030	1.0009	
Minimum	1.1820	1.0116	1.0030	1.0008	
Standard Chain Ladder	1.2005	1.0136	1.0030	1.0010	
Weighted Chain Ladder Settlement patterr		1.0136	1.0030	1,0010	
		1.0136 Period 2	1.0000 Period 3	1,6010 Period 4	Tail
Settlement patterr					
Settlement patterr	Period 1	Period 2	Period 3	Period 4	0.10
Settlement pattern Projection method Average	Period 1 81.83%	Period 2 16.43%	Period 3	Period 4	0.10
Settlement pattern Projection method Average Geometric Average	Period 1 81.83% 01.84%	Period 2 16.435 16.435	Period 3 1.345 1.345	Period 4 0.00%	0.10 0.10 0.10
Settlement pattern Projection method Average Cosmetric Average London Chan	Period 1 81.83% 01.84% 81.85%	Period 2 16.435 16.435 16.435	Period 3 1.34% 1.34% 1.34%	Period 4 0.00% 0.00% 0.00%	Tail 0.10 ⁴ 0.11 ⁴ 0.11 ⁴ 0.11 ⁴ 0.11 ⁴
Settlement pattern Projection method Average Geometric Average London Chan Masemum	Period 1 81.83% 81.85% 81.85% 80.85%	Period 2 16.435 16.435 16.435 16.435 17.235	Peried 3 1.34% 1.34% 1.34% 1.34% 1.34%	Period A 0.03% 0.03\% 0.0	0.101 0.101 0.101 0.131 0.091
Settlement pattern Projection method Antrage Coconstructionary London Chan Meternum Meternum	Period 1 81.83% 81.85% 81.85% 81.85% 81.85% 81.41%	Period 2 16.435 16.435 16.435 17.235 16.805	Peried 3 1.34% 1.34% 1.34% 1.34% 1.54% 1.34%	Period 4 0.39% 0.39% 0.38% 0.38% 0.38%	0.101 0.101 0.101 0.101

Reserving Methods: Results Summary

Improving the profitability of your insurance portfolios has never been easier

Technical Architecture

 Solution with technically innovative and scientifically sophisticated components based on the most recent mathematical models

Multiple cloud-based architecture

- Securely hosted by the world's largest data center providers (AWS - Amazon, AZURE - Microsoft)
- Accessible using an internet browser, no local installation or hardware is required
- Managed and monitored by Prima Solutions
- With choice of geographic location

- State of the art big data architecture leveraging :
 - Cassandra distributed database
 - Spark distributed computation engine
 - Angular web page framework



A unique Cloud-based Software Suite for Insurance Innovation

- ⇒ Scalable and configurable
- Govering all the business processes of the insurance sector
- O Adapted to all sizes of structures or portfolios



Over 20 Years of Experience in Insurance, Reinsurance and Regulatory Compliance

Global insurtech group and key player in insurance in Europe, North America, and Asia-Pacific, Prima Solutions designs software for insurance and reinsurance professionals, covering all business processes in the life insurance, health insurance (for groups and individuals), non-life insurance, and reinsurance sectors. The group serves more than 300 customers and works with a global network of partners. We help insurance companies go digital more quickly through our highly configurable, modular, and cloud-based all-web software suite.

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