



Enterprises University of Pretoria deploys multi-disciplinary teams of experts that provide innovative research and advisory services. Most of our solutions are customised and draws on the latest best practice as informed by science and evidence.

Our ability to engage with and solve current real-world challenges on a day-to-day basis makes us a business partner of choice – both locally and internationally.

CORE COMPETENCIES

- Design and evaluation of survey methodologies
- Design and operation of simulation models
- Development of mathematical models for the analysis of systems
- Evaluation of system reliability, availability and maintainability
- Machine learning modelling
- Natural language analytics
- Analysis and modelling of behavioural patterns
- Banking sector compliance, financial regulatory and risk model validation
- Business and funding model reviews
- Client investment risk profiling
- Composition and validation of various indices for credit, regulatory and financial risk applications
- Design and evaluation of survey methodologies
- Financial modelling
- Inclusive banking product and service development
- Model development including:
 - Equitable cost attribution modelling

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Shifting knowledge to insight



CORE COMPETENCIES

- Income predictor and segmentation modelling
- Lapse predictor and surrender modelling
- Loyalty programmes
- Operational risk modelling
- Propensity modelling services
- Tariff review and modelling
- Modelling to address a multitude of risk mitigation applications
- Profitability and financial reserve requirements for insurance and related businesses
- Quality control on fundamental underpinnings, including IFRS
- Short- and longer-term income statement projections
- Supervised learning for predictive/propensity applications, including churn, cross-sell, fraud, lapse, risk factor identification/profiling and next best options
- Unsupervised statistical learning and modelling techniques for application to problems of market segmentation, latent driver identification and variable selection, including:
 - Bayesian modelling and networks and agent-based stochastic systems
 - Model-based market segmentation
 - Random forests
 - Regularised regression
 - Support vector machines and regression

COMPANY PROFILE

Having played a profound part in the history of South Africa for more than 100 years, the University of Pretoria boasts a lasting legacy that endures through a cluster of innovative and multidisciplinary services rendered through Enterprises University of Pretoria.

Our products and services translate into increased productivity and enhanced customer service excellence within any industry. Drawing on the knowledge of academic and industry

experts from the University of Pretoria, our track record includes high-quality, customised practical solutions that set us apart from a traditional skills development and research organisation. With some of South Africa's most acclaimed academics and thought leaders on our teams of course leaders and research specialists, we ensure that our clients continuously engage in ground-breaking knowledge transfer – *shifting knowledge to insight*.

WHY PARTNER WITH US?



A single point of entry for all training, research and advisory services.



Access to all knowledge outputs from the University of Pretoria.



Personalised services to achieve unique business and professional development goals.



Innovative solutions for targeted training and critical business insight.



An extensive international footprint spanning six continents.



Draw from leading industry experts and South Africa's finest thought leaders.



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PROFESSIONAL MEMBERSHIPS



Shifting knowledge to insight

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