Bernhard Ulrich von Boyen

Abyss-deep analytics. Actuarial clarity. AI you can trust.

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INTRODUCTION

I build actuarial and AI-enabled analytics frameworks that transform uncertainty into structured decision intelligence across finance, insurance, pensions, and adjacent analytical domains. My work emphasizes precision, transparency, and responsible methods supported by reproducible, engineering-grade pipelines.

CORE COMPETENCIES

- Quantitative modeling and risk engineering
- Actuarial methods and capital frameworks
- Data-driven decision design and analytics
- Responsible and explainable AI integration
- Automation, reproducibility, and validation
- Cross-domain analytical translation

SELECTED ACHIEVEMENTS

- Developed and implemented integrated solvency workflows that improved steering transparency, risk quantification, and closing processes.
- Led actuarial ALM input and execution in strategic initiatives across functional domains, strengthening and stabilizing solvency ratio.
- Designed and implemented seriatim reserving tools for CHF 500m+ liabilities, enabling granular analysis, improved reserving quality, and transparent actuarial governance.
- Led actuarial reform and investment strategy for a Swiss pension fund, enabling top-quartile returns, transparent allocation, and fair outcomes.
- Delivered cross-domain analytical and AI tooling, including LLM-based documentation workflows and validated reporting pipelines.
- Designed and deployed financial and actuarial metrics across Solvency II/SST, IFRS, investment risk, and operational decision frameworks.

TECHNICAL ENGINEERING

Python • R • SQL • Palantir Foundry • LLM pipelines • Generative AI workflows • Data validation & automation